

Appendix J

Minutes of the Working Group Meetings

The initial meeting between Miami-Dade County and the first group of interested municipalities was held May 5, 1998 at the Miami-Dade Emergency Operations Center (EOC) at 5600 S.W 87th Avenue, Miami, Florida 33173 (Moved to 9300 N.W 41st Street, Miami, FL 33178 effective June 15, 2000). This group formed the nucleus of the Working Group. Following is the schedule and minutes of the meetings of the Local Mitigation Strategy Working Group.

Schedule of Meetings

The Working Group met monthly at the EOC according to the following schedule:

1. May 5, 1998 – 10:00 AM, Miami-Dade County Emergency Operations Center (EOC)
2. June 12, 1998 – 10:00 AM, Miami-Dade EOC
3. July 10, 1998 – 10:00 AM, Miami-Dade EOC
4. August 12, 1998 – 10:00 AM, Miami-Dade EOC
5. September 8, 1998 – 10:00 AM, Miami-Dade EOC
6. October 8, 1998 – 10:00 AM, Miami-Dade EOC
7. December 10, 1998 – 10:00 AM, Miami-Dade EOC
8. January 13, 1999 – 10:00 AM, Miami-Dade EOC
9. February 11, 1999 – 10:00 AM, Miami-Dade EOC
10. March 10, 1999 - 10:00 AM, Miami-Dade EOC
11. June 15, 1999 – 10:30 AM, Miami-Dade EOC
12. July 13, 1999 - 10:30 AM, Miami-Dade EOC
13. August 12, 1999 - 10:30 AM, Miami-Dade EOC

August 1999 was the last meeting under the original state contract. The LMS Working Group will continue to meet as required and as agreed to by the members without further inclusion in this schedule.

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Minutes of the May 5, 1998 Meeting

Municipalities in Attendance

Aventura	Homestead	North Bay Village
Bal Harbour	Key Biscayne	North Miami
Bay Harbor Islands	Miami	Pinecrest
Coral Gables	Miami Beach	Sunny Isles Beach
Florida City	Miami Shores	Sweetwater
Hialeah Gardens	Miami Springs	

Others in attendance: Miami-Dade GIS, Miami-Dade DERM, State of Florida DEM, and the South Florida Regional Planning Council

The meeting began at 10:00 a.m. with a welcome from Chief Chuck Lanza and introductions from all in attendance. An agenda and an information packet were supplied to each attendee. The information packet included: The Local Mitigation Strategy: Cities and Counties Working Together to Build Disaster-Resistant Communities, a list of LMS tasks, and a sample Contractual Services Agreement between Miami-Dade County and a municipality. The video "Local Mitigation Strategy" was shown. Chief Lanza presented an overview of the Local Mitigation Strategy. The presentation was followed by a discussion of the program requirements.

The question was posed by Chief Lanza: Does this group agree that they will become the Working Group as defined in the Local Mitigation Strategy booklet and the contract for the purposes of completing the Local Mitigation Strategy? The Working Group will meet at least quarterly. The Working Group will meet again June 11, 1998, at the EOC at 10:00 am. The group agreed.

Chief Lanza posed the question: Does the Working Group agree that Hialeah, Miami, Miami Beach, Coral Gables, Homestead, North Miami, and North Miami Beach will be the Divisional Leaders Group? The group will meet monthly to bring issues to and from the Working Group and the Divisional Working Groups. The Divisional Leaders Group will meet May 19, 1998, at the EOC at 10:00 am. The Divisional Leaders will meet frequently with the Divisional Working Groups. The members of the Divisional Working Groups are:

- ◆ **Hialeah**-Hialeah Gardens, Miami Springs, Opa-locka, Medley, and Virginia Gardens
- ◆ **Coral Gables**-Sweetwater, West Miami, South Miami, and Pinecrest
- ◆ **Homestead**-Florida City and Islandia

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- ◆ **North Miami Beach**-Aventura, Golden Beach, Bal Harbour, and Sunny Isles Beach
- ◆ **North Miami**-Biscayne Park, Bay Harbor Island, Surfside, and Indian Creek
- ◆ **Miami**-El Portal, Key Biscayne, Miami Beach, Miami Shores, and North Bay Village

Note: Cities in **bold** are members of the Divisional Leaders Group and have agreed to chair the respective Divisional Working Groups. The Working Group agreed.

Chief Lanza advised the Working Group that each municipality must send a letter of intent choosing one of the following options:

1. The municipality plans to fully participate in the creation of the Local Mitigation Strategy as defined in the Guidebook, or
2. The municipality plans to subcontract the responsibilities for the creation of the Local Mitigation Strategy, or
3. The municipality does not plan to participate in the creation of the Local Mitigation Strategy.

Chief Lanza asked that these letters be sent by May 19, 1998.

Chief Lanza provided a sample contract that all municipalities who choose to participate in the creation of the Local Mitigation Strategy (selection number 1) or who chose to subcontract for the creation of the Local Mitigation Strategy (selection number 2) must sign and return.

It is recommended that the Working Group consider identifying mitigation activities in the following five categories:

1. Regulatory actions and functions
2. Protection of critical facilities
3. Vegetation and landscaping
4. Coastal and floodplain management
5. Public awareness

The next meeting of the Working Group will be held on June 12, 1998 at the Miami-Dade Emergency Operation Center.

The meeting adjourned at 11:10 am.

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The Local Mitigation Strategy Working Group

Minutes of the June 12, 1998 Meeting

Municipalities in Attendance:

Aventura	Florida City	North Bay Village
Bal Harbour	Hialeah	North Miami
Bay Harbor Islands	Homestead	Pinecrest
Biscayne Park	Key Biscayne	Surfside
Coral Gables	Miami	

Others in Attendance:

Miami-Dade GIS	State of Florida DEM
Miami-Dade DERM	Miami-Dade Finance
Miami-Dade Planning Dept.	Miami-Dade FEMA Coordination
South Fla. Reg. Planning Council	South Fla. Water Management District

The meeting began at 10:00 am with a welcome from Chief Chuck Lanza. An agenda and an information packet were supplied to each attendee. The information packet included: a list of LMS tasks, and a sample interlocal agreement between Miami-Dade County and a municipality. Chief Lanza presented an overview of the Local Mitigation Strategy.

Frank Reddish, the emergency management coordinator for hazard mitigation was introduced. He spoke briefly on what constitutes a mitigation project.

Mike Gambino from Miami-Dade County Department of Environmental Resource Management (DERM) presented an overview of the National Flood Insurance Program as it pertains to floodplain management. He demonstrated how several floodplain initiatives could be included in the local mitigation strategy. Among the many benefits of the floodplain inclusion is an improvement in the community rating which could result in lower flood insurance premiums.

One of the requirements of the Local Mitigation Strategy process is that all participants submit critical facilities information. Rob Marton, the emergency management coordinator for hazardous materials presented the need for a "critical facilities inventory" and the required data elements. Karen Grassi demonstrated some of the applications that can be linked using GIS and the critical facilities inventory.

Irma Plummer presented the accomplishments of the North Miami Divisional EOC work group. The group has met twice. They have agreed to pool their resources to

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retain a consultant to write the group plan. North Miami will provide oversight to the consultant. An interlocal agreement between all cities in the group will be signed.

Letters of intent have been received from the following:

Aventura	Hialeah Gardens	North Bay Village
Bay Harbor Islands	Homestead	North Miami
Biscayne Park	Key Biscayne	Opa-locka
Florida City	Miami	Pinecrest
Hialeah	Miami Springs	Surfside

The members of the divisional working groups are:

- ◆ **Hialeah**-Hialeah Gardens, Miami Springs, Opa-locka, Medley, and Virginia Gardens
- ◆ **Coral Gables**-Sweetwater, West Miami, South Miami, and Pinecrest
- ◆ **Homestead**- Florida City and Islandia
- ◆ **North Miami Beach**-Aventura, Golden Beach, Bal Harbour, and Sunny Isles Beach
- ◆ **North Miami**-Biscayne Park, Bay Harbor Island, Surfside, and Indian Creek
- ◆ **Miami**-El Portal, Key Biscayne, Miami Beach, Miami Shores, and North Bay Village

Note: Cities in **bold** are members of the divisional leaders group and have agreed to chair the respective divisional working groups.

Chief Lanza reminded the Working Group that each municipality must send a letter of intent choosing one of the following options:

1. The municipality plans to fully participate in the creation of the Local Mitigation Strategy as defined in the guidebook, or
2. The municipality plans to subcontract the responsibilities for the creation of the Local Mitigation Strategy, or
3. The municipality does not plan to participate in the creation of the Local Mitigation Strategy.

It is recommended that the Working Group consider identifying mitigation activities in the following five categories:

1. Regulatory actions and functions

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2. Protection of critical facilities
3. Vegetation and landscaping
4. Coastal and floodplain management
5. Public awareness

The follow meetings have been scheduled:

<u>Group</u>	<u>Date and Time</u>	<u>Location</u>
Divisional EOC leaders conference call	Wednesday, June 17, 1998 2:00 PM	Divisional cities
LMS Working Group	Friday, July 10, 1998 10:00 AM	Emergency Operations Cen- ter

The meeting adjourned at 11:15 am.

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Minutes of the July 10, 1998 meeting:

Municipalities in attendance:

Aventura	Hialeah	Miami Beach	Opa-locka
Bay Harbor Islands	Hialeah Gardens	Miami Shores	Pinecrest
Biscayne Park	Homestead	Miami Springs	South Miami
Coral Gables	Islandia	North Bay Village	Surfside
Florida City	Key Biscayne	Miami North Miami	Virginia Gardens
Golden Beach	Medley	North Miami Beach	West Miami

Others in attendance:

Miami-Dade Finance	Miami-Dade Park & Recreation
Miami-Dade ITD/GIS	Miami-Dade Solid Waste Mgmt
Miami-Dade DERM	FL DEM
Florida International University	University of Miami
South Florida Regional Planning Council	

The meeting began at 10:00am with a welcome and comment from Chief Chuck Lanza who then introduced Frank Reddish.

Frank began by reminding all those who have not yet returned their letter of intent to participate to please do so. He also reminded the group to not forget the contract agreement. Each of the booklets to be used in developing the strategy was discussed for the benefit of those who have not yet received them. The booklets, by title, are: "The Local Mitigation Strategy, Cities and Counties Working Together to Build Disaster-Resistant Communities," "The Local Mitigation Strategy, A Guidebook for Florida Cities and Counties," "Workbook in Local Mitigation Strategy Development," and "Vulnerability Assessment Supplement, Part 1." Additional copies are on order and should be available soon.

It is the intent of the program to involve groups other than municipalities and a discussion was held on how to bring companies, private non-profits organizations and private citizens on board. It was noted that the University of Miami and FIU have both expressed interest in participating and are in attendance at today's meeting.

The list of deliverables was discussed and it was announced that the first delivery date has been postponed to be concurrent with the second delivery date, i.e. mid-September, 1998. The one deliverable that brought about the liveliest discussion seems to be the Critical Facilities Inventory. The discussion included questions of what constitutes a critical facility and how the loss could affect a community. Karen Grassi from Miami-Dade ITD/GIS offered her assistance in the inventory process. Chief Lanza

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pointed out that the inventory includes filling out a complete form, not just identifying a location (a copy of the form is attached and is also available from the OEM). He also stated that the county would complete the inventory for county owned facilities located within a city limit.

Each of the divisional committees was asked to give the group an update.

Coral Gables: David Brown of Coral Gables spoke on behalf of the group, which has decided to pool their grant funds to hire a consultant. He also stated that the University of Miami will be asked to contribute and feels certain that they will.

North Miami: Ken Cassel of Bay Harbor Islands spoke on behalf of this group and told us that they have completed their interlocal agreements and should be putting the project to bid very soon.

Miami: Grant Sheehan spoke on behalf of the group (which includes Miami Beach for purposes of the LMS). He told us that the group had met and was still undecided on how to use the funds.

Hialeah: Jim Borgmann of Miami Springs spoke on behalf of the group. They will meet again in the near future.

Homestead: Danny Formosa told us that this group had met once and will meet again soon. The City of Islandia has been added to the Homestead group for purposes of the LMS.

North Miami Beach: The group from North Miami Beach has not met yet but plans to do so soon.

This was the end of the LMS meeting. However, Chief Lanza invite Ed Garrison of Miami-Dade Finance Department to speak briefly concerning Section 404 hazard mitigation funds that are available as a result of the "Ground Hog Day" storms (FEMA-1204-DR-FL). Ed reminded the group that the deadline for applying is August 14, 1998. Ed can be reached at (305) 375-5080. Brett Miller from Florida Division of Emergency Management also added comments on the Hazard Mitigation Grant Program.

Finally, Chief Lanza spoke briefly on the "Y2K" problem. This is the issue of computer problems arising as a result of the year 2000. Parties with concerns are invited to contact the EOC at (305) 273-6700.

It was announced that the next meeting of the Local Mitigation Strategy working group would be held on Wednesday, August 12, 1998 at 10:00 A.M. at the Miami-Dade EOC.

The meeting was adjourned at 11:00 am.

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Minutes of the August 12, 1998 meeting:

Municipalities in attendance:

Aventura	Florida City	Miami	North Miami Beach
Bal Harbour	Golden Beach	Miami Beach	Pinecrest
Bay Harbor Islands	Hialeah	Miami Shores	South Miami
Biscayne Park	Hialeah Gardens	Miami Springs	Surfside
Coral Gables	Key Biscayne	North Bay Village	Virginia Gardens
El Portal	Medley	North Miami	West Miami

Others in attendance:

American Red Cross	Johnson & Wales University
Miami-Dade Finance	M-D Planning, Regulation & Development
Miami-Dade GSA (Risk Management)	Miami-Dade Solid Waste Management
Miami-Dade DERM	University of Miami
Fla. Division of Emergency Management	Fla. Department of Transportation

Welcoming for the first time: American Red Cross, Johnson & Wales University and Miami-Dade Department of Planning, Regulation and Development.

The meeting began at approximately 10:15 a.m. chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank began with the announcement that all but three of our municipalities have sent in their letters of intent and a reminder to all those who have not yet completed the contract agreement to please do so. (Note to group: subsequently, all 30 municipalities have signed a letter of intent.)

A representative of each of our division EOCs reported on their progress:

Hialeah: Jim Borgmann of Miami Springs spoke on behalf of the group. They are in the process of choosing a consultant while working on their deliverables.

Coral Gables: Gina Romano of Coral Gables and Yocie Galiano Gomez of Pinecrest spoke on behalf of the group, which has decided to pool their grant funds to hire a consultant.

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North Miami: Irma Plummer of North Miami spoke on behalf of this group and told us that they are putting the project to bid very soon and are also working to complete their deliverables.

Miami: Joe Fernandez of Miami spoke and told us that they have completed an interlocal agreement, which is compatible to all parties and that progress is being made on the project.

Homestead: Bennie Lovett of Florida City told us that they are making progress. The Homestead and Islandia representatives could not make it today.

North Miami Beach: The group from North Miami Beach has met several times now and have agreed to have a consultant do at least some of the work. They have contacted Parsons Engineering for a cost estimate. Dale Greer of North Miami Beach will be the lead for this group. There was a concern as to whether Sunny Isles Beach would participate in the program. (Note to all: In a telephone call following the meeting, Sunny Isles Beach agreed to participate.)

The Working Group was asked to consider developing a standard format for presenting the deliverable items especially those due prior to the final delivery. The use of an outline form was recommended, at least as an interim measure.

The traditional definition of a "Critical Facility" was reiterated; namely, any facility, the loss of which would adversely affect response and recovery efforts following a disaster event. The LMS program will expand upon this to include facilities, the loss of which goes well beyond response and recovery and will include facilities where the loss will affect the economic well being of the community through loss of revenues, jobs and/or repair and recovery costs. While the locations of most critical facilities are known, additional important data must still be collected.

A discussion was held on how to bring the private sector (i.e. companies, private citizens and others) on board. It was noted that there is continued and growing interest in participating by such groups and some are in attendance at today's meeting.

The list of deliverables was discussed and everyone was reminded that time is of the essence. Also, there has been some misunderstanding of the deliverable concerning the vulnerability assessment. What is due now is a list of data sources, such as flood plain management plans and engineering studies, which can be used for the vulnerability assessment.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held on Tuesday, September 8, 1998 at 10:00 A.M. at the Miami-Dade Emergency Operations Center.

The meeting was adjourned at 11:00 am.

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The Local Mitigation Strategy Working Group

Minutes of the September 8, 1998 Meeting:

Municipalities in attendance:

Aventura	Florida City	Medley	North Bay Village
Bal Harbor	Golden Beach	Miami	North Miami
Bay Harbor Islands	Hialeah	Miami Beach	North Miami Beach
Biscayne Park	Hialeah Gardens	Miami Shores	Pinecrest
Coral Gables	Islandia	Miami Springs	South Miami
El Portal	Key Biscayne		

Others in attendance:

American Red Cross	
Miami-Dade Building Code Compliance	Miami-Dade DERM
Miami-Dade Finance	Miami-Dade Housing Agency
Miami-Dade Water & Sewer	Miami-Dade OEM
Florida International University	Johnson & Wales University
Fla. Division of Emergency Management	So. Fla. Regional Planning Council

The meeting began at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank began with the announcement that all 30 of our municipalities have sent in their letters of intent and a reminder to all those who have not yet completed the contract agreement to please do so.

A representative of each of our division EOCs reported on their progress:

Hialeah: The group is having a divisional meeting Wednesday morning, September 9th to finalize their September deliverables. The group has chosen the firm of Carr Smith Corradino to act as their consultant.

Coral Gables: Zully Williams, Coral Gables Public Works Supervisor will now chair this group. They will be meeting Friday, September 11th to finalize their deliverables.

North Miami: Ken Cassel of Bay Harbor Islands spoke on behalf of this group and told us that they are working to complete their deliverables.

Miami: Terry Remlin, representing the City of Miami, spoke and advised us that the group is completing their work based on the document prepared by Peter Kory of Key Biscayne. Copies of Peter's work have been distributed to the other groups as a guide.

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Homestead: Bennie Lovett of Florida City told us that they are making progress. The Homestead representative could not make it today due to a death in the family.

North Miami Beach: Jules Bevis of Aventura has completed a draft of the September deliverables and presented it to the group from North Miami Beach. The group will expand on this draft.

There was a discussion of the updated list of critical facilities that had been received from Joe Myers, Director of Florida's Division of Emergency Management. (A copy of the list and memo had been faxed to everyone earlier in the week.) The LMS program will expand upon this to include facilities, the loss of which will affect the economic well being of the community through loss of revenue and jobs. While the locations of most critical facilities are known, additional important data must still be collected.

The Working Group agreed to use the "Regional Dispute Resolution Process" from the South Florida Regional Planning Council as the guideline for our conflict resolution language. Chris Rose from the Miami-Dade Office of Emergency Management is doing the rewrite.

The list of deliverables was discussed and everyone was reminded that time is of the essence.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held on Thursday, October 8, 1998 at 10:00 A.M. at the Miami-Dade EOC.

The meeting was adjourned at 11:00 am.

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The Local Mitigation Strategy Working Group

Minutes of the October 8, 1998 meeting:

Municipalities in attendance:

Coral Gables	Homestead	Key Biscayne	Virginia Gardens
El Portal	Miami Beach	North Bay Village	West Miami
Golden Beach	Miami Shores	South Miami	

Others in attendance:

Miami-Dade Building Code compliance	Miami-Dade DERM
Florida International University	Miami-Dade OEM

The meeting started at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Today's sign-in requested that all attendee include an e-mail address if one is not already on file with the Working Group. More and more data is transmitted between the members using e-mail. Frank noted that a free e-mail account was available through Microsoft Corporation's "hotmail" service (www.hotmail.com).

Critical facilities maps from Miami-Dade County Information Technologies Department's GIS section were distributed to each municipal representative. Maps will also be distributed to all Working Group members who could not attend today's meeting. All members are asked to review their maps and report any errors or omissions they might find.

Some of the municipalities still have not returned their signed agreements. Everyone was reminded to please get this done. The "closed for the summer" excuse is no longer valid. We still need a contract from El Portal, Florida City, Indian Creek Village, Islandia, Miami, Miami Springs, and South Miami.

The list of deliverables was discussed and everyone was reminded that time is of the essence. As of this meeting deliverables have not been received from Florida City, Hialeah, Miami and North Miami. Staff members of the Miami-Dade Office of Emergency Management who are knowledgeable in hazard mitigation are available to assist in finishing up the phase of the project.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held in December 1998; the exact date and time to be announced in the near future.

The meeting was adjourned at 11:00 am.

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The Local Mitigation Strategy Working Group

Minutes of the December 8, 1998 meeting:

Municipalities in attendance:

Aventura	Indian Creek Village	North Miami
Bay Harbor Islands	Islandia	North Miami Beach
Biscayne Park	Key Biscayne	Opa-locka
Coral Gables	Medley	Pinecrest
El Portal	Miami	South Miami
Golden Beach	Miami Beach	Sunny Isles Beach
Hialeah Gardens	Miami Shores	Sweetwater
Homestead	North Bay Village	West Miami

Others in attendance:

American Red Cross	Carr Smith Corradino
Humane Society of Greater Miami	International Hurricane Center
Miami-Dade DERM	Miami-Dade Park & Recreation Dept.
Fla. Division of Emergency Management	Fla. International University
South Florida Regional Planning Council	South Florida Water Management District
J & T Professional Associates	

Welcoming for the first time: John Lisk of the Humane Society, Joe Corradino of Carr Smith Corradino, Toni Riordan and John Lenaerts of J & T Professional Associates and Mercedes Barreras of South Florida Water Management District. New faces attending from on-board organizations are Marian Burns of the American Red Cross, Ricardo Alvarez of the International Hurricane Center, Gil Delgado of Miami-Dade Park & Recreation Department and Sergio Purrinos of the City of Homestead.

The meeting began at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

The meeting was opened with the announcement that our first two sets of deliverables had been sent in and have been approved by the Florida Division of Emergency Management. Special thanks were extended to Jules Bevis of Aventura, Zully Williams of Coral Gables and Peter Kory of Key Biscayne for the exceptional work they did in completing the assignments on behalf of the Working Group.

A representative of each of our division EOCs reported on their group's progress:

Hialeah: Has hired a consultant, the engineering-planning firm of Carr Smith Corradino to complete their participation and Joe Corradino of the firm was introduced to the Working Group.

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Coral Gables: Zully Williams of Coral Gables spoke on behalf of the group, which had a meeting November 19th and will meet again December 10. She reports that things are progressing well.

North Miami: Irma Plummer of North Miami spoke on behalf of this group and told us that they have put the project to bid and will award the bid December 17th.

Miami: Joe Fernandez of Miami spoke and told us that the group had met December 1st to start work on the next deliverable and there are plans to meet again January 7, 1999.

Homestead: Bennie Lovett of Florida City could not attend today however, the Homestead and Islandia representatives are getting together following today's meeting [which they did].

North Miami Beach: The group from North Miami Beach met November 13, 1998 and has begun work on the next deliverables. Jules Bevis has agreed to continue as group leader and will serve on the steering committee. Their next meeting is planned for January 4th at 1:30pm.

Jan Brandt of Florida Division of Emergency Management (and our group's DCA/DEM advisor) was introduced and led a brief discussion on the importance of properly defining project priorities. He gave some good examples of how problems can arise without proper priorities being set. Jan also congratulated the group and was complementary of our earlier submissions.

Dr. Hugh Gladwin, director of the Institute of Public Opinion Research at Florida International University demonstrated the TAOS computer modeling software that has been supplied to the group by the state of Florida. He also showed us the other data that is stored on the CD-ROM along with TAOS. Copies of the disc are available to members of the Working Group.

All members of the Working Group are asked to develop a hazard mitigation project "wish list" and submit it to Frank by late December. A copy of the "wish list homework assignment" fax will be attached to the minutes.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held on Tuesday, January 12, 1999 at 10:00 A.M. at the Miami-Dade EOC. The meeting was adjourned at 11:15 am.

In order to streamline some of the work process, a steering committee has been formed that is comprised of one representative from each of the regional groups, a representative of the county government and a member of the private sector. Engineering and planning consultants who have been hired by group members may be asked to join the steering committee in an advisory or ex officio capacity; Mr. Corradino for example. Mr.

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John Hulsey of the South Florida Regional Planning council has also been asked to join the steering committee in an advisory capacity. The committee may entertain from time-to-time to ask representatives from county, state, federal and other agencies whose actions may impact the hazard mitigation process to sit in on meetings (e.g. South Florida Water Management District, Florida DOT or FEMA).

The steering committee members are:

- Jules Bevis, Aventure (North Miami Beach)
- Ken Cassel, Bay Harbor Islands (North Miami)
- Jorge Millan, Hialeah Gardens (Hialeah)
- Peter Kory, Key Biscayne (Miami)
- Zully Williams, Coral Gables (Coral Gables)
- Mike Gambino, Miami-Dade DERM (county)
- Ed Garrison, Miami-Dade Finance (UMSA)
- Marian Burns, American Red Cross (PNPs)
- Dr. Walt Peacock, FIU (Universities)
- Frank Reddish, Miami-Dade OEM (chairman)
- John Hulsey, South Florida Regional Planning Council (advisory)
- Joe Corradino, Carr Smith Corradino (private sector)
- Homestead to be named

emergency management

The logo for Miami-Dade County, featuring a stylized 'D' in blue and green with the text 'MIAMI-DADE' in white.

To: Local Mitigation Strategy Working Group

From: Frank Reddish

Subject: Homework Assignment

*** Developing your hazard mitigation project wish list ***

- All municipalities should make a wish list
- All county departments should make a wish list
- All colleges and universities should make a wish list
- All private non-profit organizations should make a wish list
- All private sector for-profit organizations should make a wish list

When in doubt – make a wish list

Wish lists may be long or short but should start with what you consider the most important project down through the project least important to your organization. Wish lists may be edited, amended, lengthened, shortened, increased, decreased, etc. Start anywhere; change it later; but **do it now**.

Projects may be complex or simple ... Projects may be large or small ... Projects may be costly or inexpensive ... Projects may be yours alone or shared with a neighbor ... Projects may be perfectly logical or totally crazy. But, projects not listed don't get done!

The wish list is a good starting point for this next phase of our strategy. Please try to send me your wish list before the end of the year. I'd like to work on them during that dull week between Christmas and New Years day. U.S. mail is fine (5600 SW 87 Avenue, 33173). A fax will work (305-273-6708). How about e-mail (reddish@co.miami-dade.fl.us). Or drop it off. Make my day – **send me a wish list**.

Note: John Patterson and Erle Peterson already did theirs. Joe Fernandez can use Grant's list. Ron Bliss' and Steve Sibert's lists should be interesting.

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Minutes of the January 12, 1999 meeting:

Municipalities in attendance:

Aventura	Homestead	Miami Springs
Bay Harbor Islands	Indian Creek Village	North Bay Village
El Portal	Key Biscayne	North Miami
Florida City	Medley	North Miami Beach
Golden Beach	Miami	Opa-locka
Hialeah	Miami Beach	Pinecrest
Hialeah Gardens	Miami Shores	Sunny Isles Beach

Others in attendance:

American Red Cross	Carr Smith Corradino
Humane Society of Greater Miami	International Hurricane Center
Miami-Dade Solid Waste	Miami-Dade Housing Agency
Fla. Division of Emergency Management	Fla. International University
ICF Kaiser Engineers	South Florida Water Management District

Welcoming for the first time: Ed Palacio of ICF Kaiser Engineering and Angela DeZayes of Florida International University physical plant. New faces attending from on-board organizations are Brian Hooten of the City of Opa-locka, Javier Acevedo from the city of North Miami Beach and Marta Silva of Miami-Dade Housing Agency.

The meeting began at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

The meeting was opened with the announcement that payments for the first two deliverable periods have been mailed and should have been received by the municipalities. Any municipality not receiving a check should call Frank Reddish.

Homestead, Medley, Miami Beach and Miami Shores turned in critical facility location maps. Pinecrest, Homestead and Miami-Dade Housing Agency delivered mitigation wish lists. Those who have not as yet turned in these documents were reminded to please do so.

A representative of each of our division EOCs reported on their group's progress:

Hialeah: Met with their consultant, Joe Corradino, to develop the wish lists. The group met to discuss progress on Monday, January 11th.

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Coral Gables: Yocie Galiano Gomez reported on behalf of the Coral Gables group. The group met December 10th and will meet again January 14th. She reports that things are progressing well.

North Miami: Irma Plummer of North Miami spoke on behalf of this group and told us that they have selected ICF Kaiser as their consultant, which should be confirmed by the city counsel tonight.

Miami: Frank Rollason chaired the meeting, which was held January 7th. Peter Kory explained how their group was proceeding. They will meet again soon.

Homestead: Florida City and Homestead representatives are getting together following today's meeting [which they did].

North Miami Beach: The group from North Miami Beach met January 4, 1998 and has begun work on the next deliverables. The group plans to "piggy back" on the North Miami consulting contract and hire ICF Kaiser to represent them.

Frank Reddish briefed the group on the progress of the steering committee that has been formed to deal with prioritization and with countywide issues. The members of the steering committee were introduced to all.

Bill DelGrosso, emergency management coordinator for community outreach, spoke to the Working Group about another program under development in Miami-Dade County. That is the Community Emergency Response Team (CERT) program. Bill introduced the program and invited members of the Working Group and their municipalities to participate.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held on Thursday, February 12, 1999 at 10:00 A.M. at the Miami-Dade EOC.

The meeting was adjourned at 11:15 am.

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The Local Mitigation Strategy Working Group

Minutes of the February 12, 1999 meeting:

Municipalities in attendance:

Aventura	Hialeah	North Miami
Bay Harbor Islands	Hialeah Gardens	North Miami Beach
Bal Harbour	Homestead	Opa-locka
Biscayne Park	Key Biscayne	Pinecrest
Coral Gables	Medley	South Miami
El Portal	Miami Shores	Surfside
Florida City	Miami Springs	Virginia Gardens
Golden Beach	North Bay Village	West Miami

Others in attendance:

American Red Cross	Barry University
Carr Smith Corradino	International Hurricane Center
DERM	Fla. Division of Emergency Management
Fla. International University	Miami-Dade Community College
Miami-Dade Finance Department	Miami-Dade Housing Agency
South Florida Regional Planning Council	

And, of course, our leader and caseworker, Jan Brandt from the State LMS program in Tallahassee.

Welcoming for the first time: George Webb from Barry University; David Lundgren from Miami-Dade Community College and Bashir Wayne from Florida Division of Emergency Management, Bureau of Recovery and Mitigation.

The meeting began at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Mr. Reddish announced that we now have the Section 302 hazardous materials locations for the entire county. He stated that there were a total of 192 known sites in Dade County and copies of the list will be distributed to all group members. Last year, there were 18 train wrecks (many also in Medley).

Mr. Reddish also reported that he would be e-mailing a compiled wish list of everyone's hazard mitigation initiatives, including the private sector.

Dr. Walter Peacock, Associate Director for Research, FIU Center for Engineering and Applied Sciences stated that The Arbiter of Storms (TAOS) modeling system provides hazard maps showing wind and water surges due to rainfall and storms (related to

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different categories) all laid out on the CD ROM. The models will show a municipality where the problems are likely to be. Mr. Reddish said the models would allow you to view a band of destruction and pinpoint where damage might occur (vulnerability) and to what extent on specific types of homes, such as wooden, mobile, etc. Jan Brandt stated that TAOS data is in GIS shape files. The CD ROM also includes ArcExplorer that enables you to open the shape files in GIS format. Critical facilities can only be added or revised if you have an ArcView station. Dr. Peacock said there are critical facilities (shelters) on the CD ROM, if you have ArcView you should be able to interpret the data.

Mr. Peter Kory, Village of Key Biscayne, discussed the definition of initiatives. Initiatives should be handled at the county level and those should provide the basis for municipalities to define projects. Mr. Brandt said the state had changed the word project to initiatives to encourage more than just structural type projects such as public education programs.

Mr. Brandt discussed funding; projects are funded as funding becomes available and not all projects in each LMS will be funded due to that particular availability. Ms. Zully Williams, city of Coral Gables, asked how the state will evaluate the applications for funding in the future; currently applications are selected based on how they are written and the documentation submitted. Mr. Brandt stated that the state might look to the County LMS to endorse the application. Also, the state will consider whether to award more points to those projects that have endorsements by the LMS group. Dr. Peacock stated that there was a resource identification list on the State's website:

www.state.fl.us/comaff.

Frank Reddish briefed the group on the progress of the steering committee and the members of the steering committee were, once again, introduced to all. Mr. Reddish reported that the Steering Committee had also discussed an approach to broad countywide projects narrowing to the municipal level. There were also political ramifications to selecting a project, and what should be the provisions placed on projects to survive politically as well as the practically. Also there is the relationship between municipalities and the county and other agencies such as the American Red Cross that has taken a national interest in mitigation. The issue is putting all the organizations together to accomplish the LMS without friction. Mr. Brandt discussed Volusia County, for example, have 17 municipalities and a consultant. There is a list of projects within that LMS which represents an implementation plan and there are projects listed for each municipality (tiered). The Volusia LMS will also list the top 3 as prioritized by the county. Another county has left the prioritization up to the steering committee, with 1 vote per municipality and the municipality cannot vote for any other their projects. Mr. Jorge Millan, Village of Hialeah Gardens, suggested not using mitigation initiatives and addressing regional issues. Mr. Reddish stated that the "wish lists" will only be used as a tool to focus a municipality on developing a mitigation project list and help the county identify what projects are shared by more than one municipality and what projects are unique to a municipality.

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It was announced that the next meeting of the Local Mitigation Strategy Working Group would be held on Thursday, February 11, 1999 at 10:00 A.M. at the Miami-Dade EOC.

The meeting was adjourned at 11:15 am.

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The Local Mitigation Strategy Working Group

Minutes of the March 10, 1999 meeting:

Municipalities in attendance:

Aventura	Hialeah	North Miami Beach
Bay Harbor Islands	Hialeah Gardens	Opa-locka
Bal Harbour	Homestead	Pinecrest
Biscayne Park	Key Biscayne	South Miami
Coral Gables	Medley	West Miami
Golden Beach	Miami Shores	

Others in attendance:

American Red Cross	Barry University
Carr Smith Corradino	International Hurricane Center
DERM	Fla. International University
Miami-Dade Community College	Miami-Dade Finance Department
Miami-Dade Housing Agency	ICF Kaiser
Jackson Memorial Hospital/Public Health Trust	
University of Florida, Institute of Food and Agricultural Sciences	

Welcoming for the first time: Don Pybas, director of the Agriculture Extension Service of the University of Florida's Institute of Food and Agricultural Sciences, Frank Meistrell, risk manager from Miami-Dade Community College and Wayne Ferdinand of Jackson Memorial Hospital and the Pubic Health Trust.

The meeting began at approximately 10:15 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank announced that the first phase of the critical facilities maps is complete and new maps are being printed and will be delivered in the next couple of weeks.

A representative of each of our division EOCs reported on their group's progress:

Hialeah: They have been meeting with their consultant, Joe Corradino, and are very close to completing this assignment.

Coral Gables: Zully Williams announced that she has accepted the position of assistant town manager in Islamorada but will complete the 3rd period deliverables for the Coral Gables group. We will miss her and her good work. Yocie Galiano Gomez of Pinecrest has agreed to be the representative for the group in the future.

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North Miami: Ed Palacio of ICF Kaiser spoke on behalf of this group and told us that they have been meeting and are on target for completion by March 26th.

Miami: Peter Kory has completed the work for Key Biscayne. El Portal, Miami Shores, Miami Beach and North Bay Village are all progressing. The City of Miami has missed the last two meetings, has reported no progress and has not delivered any required material. The county intends to complete the City of Miami's portion of the Local Mitigation Strategy so that our deliverables will be total.

Homestead: Florida City and Homestead representatives are making progress and should be submitting documents within 30 days. Islandia reports by phone that since the National Park Service (They are completely within Biscayne National Park) controls their entire infrastructure they really don't have anything to mitigate.

North Miami Beach: Ed Palacio of ICF Kaiser also represents the group from North Miami Beach and the next deliverables will be ready March 26th. Nannette Murray of Sunny Isles Beach has agreed to represent this group in the future and will serve on the Steering Committee.

Frank Reddish briefed the group on the progress of the Steering Committee that has been formed to deal with prioritization and with countywide issues. The committee met February 22nd at Florida International University's Center for Engineering and Applied Sciences and was hosted by Dr. Walter Peacock and the International Hurricane Center.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be announced in April 1999.

The meeting was adjourned at 11:30 am.

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The Local Mitigation Strategy Working Group

Minutes of the June 15, 1999 meeting:

Municipalities in attendance:

Aventura	Hialeah	Miami Beach
Bay Harbor Islands	Hialeah Gardens	Miami Shores
Biscayne Park	Homestead	Pinecrest
Coral Gables	Key Biscayne	South Miami
El Portal	Medley	Sweetwater
Florida City	Miami	West Miami
Golden Beach		

Others in attendance:

Carr Smith Corradino	International Hurricane Center
DERM	Fla. International University
Humane Society of Greater Miami	ICF Kaiser
Miami-Dade Community College	Miami-Dade Finance Department
Miami-Dade Housing Agency	Miami-Dade Public Works
Miami-Dade- Park & Recreation	Storm Soft Mooring Systems, Inc.
South Florida Water Management District	FL DEM Area 7 Coordinator
University of Florida, Institute of Food and Agricultural Sciences	

Welcoming for the first time: Joe Garafalo, extension agent, Agriculture Extension Service of the University of Florida's Institute of Food and Agricultural Sciences; Dulce Sirgado and John Patterson from Miami-Dade Public Works; Roy Radcliffe, Humane Society of Greater Miami; and new municipal representatives Mercedes Sosa, newly appointed assistant manager for Bay Harbor Islands and Domingo Moya, grant coordinator for the City of Sweetwater.

The meeting began at approximately 10:30 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank reminded everyone that those who have completed their 3rd Contract Period deliverables should submit an invoice for the payment of 40% of the municipalities' total grant. Also, the critical facilities maps have been reprinted and delivered. Corrections should be completed in the next couple of weeks and new maps will be printed and will be delivered once again. Eventually these maps should be 100% correct.

Frank Reddish briefed the group on the progress of the Steering Committee that has been formed to deal with prioritization and with countywide issues. The committee met June 10, 1999 at the Sunny Isles Beach city hall and was hosted by Nannette Murray.

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The committee also discussed which actions should be taken following the August 31, 1999 LMS conclusion.

As a result of the Steering Committee report, it was requested that each member of the Working Group discuss with their respective municipalities or organizations as to what we should do as a group once the program ends in August. This will be brought up for discussion at the next Working Group meeting.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be July 13, 1999 and would be a joint meeting with the Y2K and Satellite EOC groups.

The meeting was adjourned at 11:30 am.

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The Local Mitigation Strategy Working Group

Minutes of the July 13, 1999 meeting:

Municipalities in attendance:

Aventura	Golden Beach	Miami	North Miami Beach
Bay Harbor Islands	Hialeah	Miami Beach	Opa-locka
Coral Gables	Hialeah Gardens	Miami Shores	South Miami
El Portal	Homestead	North Bay Village	Sweetwater
Florida City	Key Biscayne	North Miami	West Miami

Others in attendance:

American Red Cross	Carr Smith Corradino
DERM	Fla. International University
Humane Society of Greater Miami	International Hurricane Center
Institute for Public Opinion Research	Miami-Dade Community College
Miami-Dade Finance Department	Miami-Dade Housing Agency
Miami-Dade- Park & Recreation	Miami-Dade Public Works
Public Health Trust (Jackson Memorial Hospital)	

Welcoming for the first time: Rosemary Wascura, new acting town manager for Golden Beach and Wayne Ferdinand from the Public Health Trust

The meeting began at approximately 10:30 a.m. following a meeting and presentation of Y2K planning and preparation by various county departments and by representatives of Florida Power and Light (FPL), the Federal Reserve Bank and the banking industry. The LMS meeting was chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank reminded those who have completed their 3rd Contract Period and still not submitted an invoice to please do so. Those that, have, have already been paid.

Frank Reddish briefed the group on the progress of the Steering Committee that has been formed to deal with prioritization and with countywide issues. The committee met July 8, 1999 at the Montgomery Botanical Center in Coral Gables. The committee once again discussed which actions should be taken following the August 31, 1999 LMS conclusion. As a result of the Steering Committee report, it was requested that each member of the Working Group discuss with their respective municipalities or organizations as to what we should do as a group once the program ends in August. This will be brought up for discussion at the next Working Group meeting.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be August 12, 1999. The meeting was adjourned at 11:30 am.

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The Local Mitigation Strategy Working Group

Minutes of the August 12, 1999 meeting:

Municipalities in attendance:

Bal Harbour	Hialeah	Miami	North Miami
Bay Harbor Islands	Hialeah Gardens	Miami Beach	North Miami Beach
Biscayne Park	Homestead	Miami Shores	Opa-locka
El Portal	Indian Creek	Miami Springs	South Miami
Florida City	Key Biscayne	North Bay Village	West Miami
Golden Beach			

Others in attendance:

Carr Smith Corradino	International Hurricane Center
DERM	Fla. International University
Humane Society of Greater Miami	Florida DCA/DEM (Brett Miller)
Miami-Dade Finance Department	Miami-Dade Public Works
Miami-Dade Housing Agency	South Florida Regional Planning Council
University of Miami	

Welcoming for the first time: Dr. Charles Gottlieb, director of Environmental Health and Safety for the University of Miami and recently appointed emergency management coordinator for the City of Hialeah, John Seay

The meeting began at approximately 10:30 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank reported that the disaster recovery class had been successful with over fifty in attendance. Also, the hurricane evacuation shelter evaluation program has been very successful with over 300 engineers, architects and building inspectors having completed the two-day course. Having this many qualified inspectors in the county will greatly advance our shelter program that is one of the countywide initiatives and of concern to all.

Frank Reddish gave a final briefing to the group on the Steering Committee progress in prioritizing the countywide issues. The committee also discussed which actions should be taken following the August 31, 1999 LMS conclusion. A show-of-hands vote was taken to determine how many members of the Working Group wished to continue after August 31st even if the state does nothing. The vote was virtually unanimous.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be in September with an actual date to be announced in the near future.

The meeting was adjourned at 11:30 am.

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The Local Mitigation Strategy Working Group

Minutes of the September 22, 1999 meeting:

Municipalities in attendance:

Aventura	Hialeah Gardens	Miami	North Miami Beach
Bal Harbour	Homestead	Miami Shores	Opa-locka
Bay Harbor Islands	Indian Creek	North Bay Village	South Miami
Florida City	Key Biscayne	North Miami	West Miami
Hialeah			

Others in attendance:

American Red Cross	Carr Smith Corradino
DERM	Fla. International University
Humane Society of Greater Miami	International Hurricane Center
Johnson & Wales University	Miami-Dade Finance Department
Miami-Dade Housing Agency	Miami-Dade Park & Recreation
Miami-Dade Public Works	Miami-Dade Solid Waste Management
South Florida Regional Planning Council	University of Miami

Welcoming for the first time: Vern Weatherholtz, the new public works director for North Bay Village, Darin Baldwin from Florida City, Carlos Perez from North Miami and Dale Botwin from the Humane Society of Greater Miami

The meeting began at approximately 10:00 a.m. chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank welcomed everyone to the “first meeting” of Phase II of the Local Mitigation Strategy, Phase I having officially ended on August 31st following a vote by the Working Group to continue with the program after August.

It was announced that the Local Mitigation Strategy document is complete and will go to Tallahassee next week. Frank Reddish then ask the Working Group to approve the final document by a show of hands. The vote to approve was unanimous. There will, however, be some time during the next week to add any final items that a member might have.

The floor was then turned over to Mr. Erle Peterson of the Miami-Dade Office of Emergency Management who, along with representatives from the Department of Environmental Resource Management (DERM), Solid Waste Management and the Park & Recreation Department presented the “Coordinated Debris Clearance” (CDC) plan. This plan has been developed because the debris problem has been determined to be the highest priority on our LMS list of countywide initiatives. After a lively discussion and ques-

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tion and answer period it was determined that each community would study the issue and present proposals and recommendations prior to the next LMS meeting.

At this point Frank Reddish explained about the emergency declaration for Hurricane Floyd and held a mini-briefing for the members that had costs associated with Hurricane Floyd. The proper FEMA forms were passed out and all eligible members of the Working Group were encouraged to fill out the Request for Public Assistance right now at the meeting. And, true to our cause, we will try to get hazard mitigation money through Hurricane Floyd.

It was announced that the next meeting of the Local Mitigation Strategy Working Group would be in November with an actual date to be announced in the near future.

The meeting was adjourned at 11:30 am.

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The Local Mitigation Strategy Working Group

Minutes of the March 8, 2000 meeting:

Municipalities in attendance:

Aventura	Indian Creek	North Miami
Bay Harbor Islands	Key Biscayne	North Miami Beach
Biscayne Park	Medley	Opa-locka
Coral Gables	Miami Beach	Pinecrest
Hialeah	Miami Shores	Sunny Isles Beach
Homestead	North Bay Village	Sweetwater

Others in attendance:

American Red Cross	Eden, Inc.
Carr Smith Corradino	International Hurricane Center
ICF Consulting	Pistorino & Alam Engineering
Humane Society of Greater Miami	Citrus Health Network
Jackson Memorial Hospital	Fla. International University
Johnson & Wales University	University of Miami
University of Florida, Institute of Food and Agricultural Sciences	
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Housing Agency	Miami-Dade Public Works
Miami-Dade Water & Sewer	Miami-Dade Cooperative Extension Svc.
Federal Bureau of Investigation	National Park Service

Welcoming for the first time: Alex Garcia, Special Agent, FBI; Jeffery Scott, Planner, Everglades National Park; Bob Panko, Fire Officer, National Park Service; John Pistorino, Dean Carlson and Tony Grau of Pistorino & Alam Consulting Engineers; Frank Morales of Jackson Memorial Hospital and the Public Health Trust; Ken Forbes and Bob Roach of Eden, Inc.; Remi Pando of Citrus Health Network; Steven Simonton, Johnson & Wales University.

The meeting began at approximately 9:00 am chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Frank announced that our LMS caseworker, Robert Neff went and got a real job and our new LMS person at DCA in Tallahassee will be Hank Erickson.

Upcoming classes here at the EOC will be Hurrevac (hurricane tracking software) training, Resource Management, proper tree trimming for hurricane season and a discussion on hurricane forecasting by Jim Lushine, Warning Coordination Meteorologist from the National Weather Service's Miami Forecast Office.

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Special Agent Alex Garcia of the Federal Bureau of Investigation gave a presentation on the potential infrastructure problems occurring recently because of computer hackers. Agent Garcia heads a national FBI taskforce known as the National Infrastructure Protection and Computer Intrusion Program (NIPCIP).

Dr. Charles Gottlieb of the University of Miami addressed the group with details of the FEMA sponsored Disaster Resistant Universities program which is part of "Project Impact." Miami is one of nine universities throughout the United States participating in the pilot program, which is administered through the University of California, Berkley. Once the bugs are worked, the program will be made available to all schools around the country.

Lt. Les Forster of Miami-Dade Fire Rescue gave a presentation on the Community Emergency Response Team (CERT) program. Les explained the program to the group and told us that now that the neighborhood program is up and running the CERT group wants to expand to include business teams as well and teams at the local colleges. The message went over well and John Pistorino, president of the engineering firm, Pistorino & Alam, who was in attendance today, volunteered his company to be the first to sign on. Joe Corradino of the firm Carr Smith Corradino also was interested. The University of Miami, Florida International University and Johnson & Wales University all expressed interest. Don Pybas, director of the Miami-Dade County Agricultural Cooperative Extension Service asked whether the release of liability to the county applied to county employees. Good question; we need to get an answer.

A letter dated February 29, 2000 from Shirley Collins bureau chief for the Bureau of Recovery and Mitigation, FDEM, to our Emergency Management director Chuck Lanza was introduced to the group (copies circulated to all). This letter details the direction FDEM is going with Local Mitigation Strategy. Of special importance to the LMS Working Group is the fact that LMS participation is a requirement for a number of grants. The project will only be accepted if it is part of LMS for some grant programs while other grant programs give a competitive advantage to LMS projects.

This lead to a discussion about how often the LMS "master document" should be updated with completed projects removed and new ones added. The Working Group decided that every four months would be best. The Steering Committee will determine the dates for the updated documents to be forwarded to FDEM in Tallahassee.

It was also decided to change the format of our master LMS document slightly. In the future the document will be divided into three parts: The Strategy, The Projects, and The Funding Sources followed by the appendices. This should make amending the document easier by permitting the changes to one part without affecting the other two.

The LMS Working Group also confirmed that it will continue to meet quarterly and the Steering Committee will meet monthly or as needed.

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The LMS Working Group meeting adjourned at 10:00 a.m. followed by a meeting of the Steering Committee. Interested parties were invited to stay.

The LMS Steering Committee meeting began at approximately 10:15 a.m., March 13th. Members in attendance were: Ken Cassel, City of Homestead; Joe Corradino, Corradino Group; Yocie Galiano Gomez, Village of Pinecrest; Mike Gambino, Miami-Dade DERM; Ed Garrison, Miami-Dade Finance Department, Hugh Gladwin, Florida International University; Peter Kory, Village of Key Biscayne; Frank Reddish, OEM; Iñaki Rezola for Marian Burns, American Red Cross; Mercedes Sosa, Town of Bay Harbor Islands.

The Committee discussed when would be the best time to publish updated versions of the Local Mitigation Strategy. It was concluded that it would be best to publish immediately prior to hurricane season, which begins June 1st of each year. Therefore the first update will be sent to Tallahassee on May 31, 2000 and updates will continue every four months thereafter unless the LMS Working Group amends the schedule. For the year 2000, updates will be May 31 and September 30 and then on January 31, 2001. Miami-Dade Office of Emergency Management will act as the clearinghouse for all amendments.

It was agreed that in order to allow proper assembly of the documents, all updated materials must be received at the Office of Emergency Management one month prior to the publication date (i.e. April 30, September 30 and December 31).

The LMS Steering Committee adjourned at 10:30 am and reconvened as the Evacuation Restudy Committee. The Evacuation Committee minutes are filed separately.

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The Local Mitigation Strategy Working Group

Minutes of the June 7, 2000 meeting:

Municipalities in attendance:

Aventura	Indian Creek	North Bay Village
Biscayne Park	Key Biscayne	North Miami
Coral Gables	Medley	North Miami Beach
Florida City	Miami	Opa-locka
Hialeah	Miami Beach	Sunny Isles Beach
Homestead	Miami Shores	Sweetwater
		West Miami

Others in attendance:

American Red Cross	Eden, Inc.
Homestead Hospital	International Hurricane Center
Humane Society of Greater Miami	Citrus Health Network
Jackson Memorial Hospital	Fla. International University
Johnson & Wales University	University of Miami
Miami Bridge	Miami-Dade Building Code Compliance
Miami-Dade County Public Schools	Miami-Dade Community Action Agency
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade GSA	Miami-Dade Housing Agency
Miami-Dade Water & Sewer	Miami-Dade Cooperative Extension Svc.
Municipal Solutions	The Village
South Florida Regional Planning Council	
U.S. Department of Housing and Urban Development, Florida State Office	
U.S. Department of Labor, Homestead Job Corps Center	

Welcoming for the first time: Morris Mays, Miami-Dade Community Action Agency; Sandra Jenkins, Homestead Hospital; Frank Mitchell, Rudolph Funn and Paul Hoberling, U.S. Dept. of Labor, Homestead Job Corps Center; Al Cazzoli, U.S. HUD; Margaret Moss, Miami Bridge; Norry Lynch and Carol Echs, Miami-Dade County Public Schools; Ron Hughes, Johnson & Wales University; and Jose Rodriquez, The Village. Tekeia Clark has moved from Solid Waste Management to GSA and Vivian Duyos now represents SWM.

The meeting began at approximately 9:00 AM, chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

It was announced that the Miami-Dade County Board of County Commissioners, on Tuesday, June 6, 2000, passed a resolution formally adopting the Local Mitigation Strategy as presented by the LMS Working Group. Congratulations to all.

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Upcoming classes here at the EOC will be proper tree trimming for hurricane season. A tree-trimming program is a high priority in our LMS. Joseph Garofalo, Ph.D., urban horticulture specialist at the county Cooperative Extension Service and the Institute of Food and Agricultural Sciences will demonstrate to proper tree trimming techniques to best ensure a tree's surviving a hurricane as well as information on the best and worst trees for hurricane survival. Matt King from Miami-Dade County Department of Environmental Resources Management (DERM) will discuss the laws governing trees and pruning. Ideas and suggestions for future training classes will be appreciated.

Linda Bell with the State of Florida, Division of Emergency Management joined us to speak about the National Flood Insurance Program and the Community Rating System. In Miami-Dade County there are fifteen municipalities that are not part of the Community Rating System. This is a program to lower flood insurance premiums and it would be extremely beneficial if all our cities belonged to the program. It will be a goal of the LMS Working Group to enroll the entire county in CRS and this goal will be added to our top LMS priority, that of reducing flooding and flood damage.

Peter Kory, Key Biscayne representative and member of the steering committee has volunteered to lead the CRS effort. Ken Rock of IFC Consulting has agreed to assist Peter. Following this meeting, Linda and Peter will meet with the representatives of the proposed new CRS members. Those present today are: Biscayne Park, Florida City, Homestead, Indian Creek, Medley, North Bay Village, Opa-locka, Sweetwater and West Miami. Peter has contacted all those not in attendance (Hialeah Gardens, South Miami, Pinecrest, Sunny Isles Beach and Virginia Gardens) except for the Village of El Portal. Hopefully we will reach them soon. This CRS effort will be a sub-committee under the LMS Flood Reduction Committee.

Everyone was reminded of the latest edicts emanating from FDEM wherein participation in the LMS is a requirement for a number of grants including the Hazard Mitigation Grant Program and the Flood Mitigation Assistance Program.

The LMS master document is almost ready for publication of the latest update. Publication was delayed so that the Board of County Commissioners resolution can be included in the document. Any changes including additions deletions and amendments should be sent in within the next week. The format of our master LMS document has been changed as recommended by the Steering Committee following the last meeting. The document is now divided into four parts: The Strategy, The Projects, and The Funding Sources followed by the appendices.

The LMS Working Group also confirmed that it will continue to meet quarterly and the Steering Committee will meet monthly or as needed. The next Working Group meeting will be Thursday, September 7, 2000 at 9:00 AM at the EOC.

The LMS Working Group meeting adjourned at 10:30 a.m. followed by a meeting of the Community Rating System Committee. Interested parties were invited to stay.

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The Local Mitigation Strategy Working Group

Minutes of the September 7, 2000 meeting:

Municipalities in attendance:

Aventura	Medley	Miami Springs
Biscayne Park	Miami	North Miami
Coral Gables	Miami Beach	Opa-locka
Homestead	Miami Shores	Pinecrest
		West Miami

Others in attendance:

American Red Cross	BellSouth Telecommunications
Catholic Charities	Citrus Health Network
DRC, Inc.	Fla. International University
Humane Society of Greater Miami	Hurricane Protection Industries
International Hurricane Center	Johnson & Wales University
University of Miami	Miami-Dade County Public Schools
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Park & Recreation	Miami Museum of Science
Miami-Dade Water & Sewer	Miami-Dade Cooperative Extension Svc

Welcoming for the first time: Frances Spiegel, who has replaced Marian Burns as our Red Cross representative (Marian is off to law school), Roger North, who has replaced John Faller as our representative from BellSouth, Kathie Janik, who has replaced Jules Bevis as our representative from the City of Aventura, Bruce Netter and Martin Terris from Catholic Charities of the Archdiocese of Miami, David Schrier from DRC Inc., Victor Vincent and John Lawrence from the Miami Museum of Science.

The meeting began at approximately 9:30 AM, chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

Upcoming classes here at the EOC will be proper “cost/benefit analysis and environmental concerns at 9 AM, September 12th, taught by instructors from Florida DEM. Additionally, there will be a brainstorming session concerning the high-rise building dilemma or what to do about people trapped in high-rise buildings in the aftermath of a storm. Folks from the International Hurricane Center at FIU will also make a presentation. This is a part of our on going evacuation restudy.

Joy Klein, from the Department of Environment Resource Management (DERM) and Joe Maguire, from the Park and Recreation Department’s Natural Areas Management section spoke to the group concerning the progress of our controlled or prescribed burn program. This program addresses one of the countywide initiatives in the Local Mitiga-

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tion Strategy; that of wildfires which occur all too often in Miami-Dade County. Under Joy's leadership, the LMS Working Group is forming a wildfire mitigation committee with Joy and Joe as well as Bob Panko, chief fire officer from Everglades National Park, assistant chief Cynthia Sears of Miami-Dade Fire Rescue, Laura Geselbracht of the Nature Conservancy, Roman Gastesi of South Florida Water Management District and Don Pybas of the University of Florida's Institute of Food and Agricultural Sciences and the Cooperative Extension Service. We are also asking the Florida Division of Forestry and the state Department of Environmental Protection to join the committee. Other interested members of the LMS Working Group are invited to participate.

Peter Kory, Mike Gambino and Frank Reddish of the Flood Reduction Committee met with Yusaf Mustafa from Florida DCA to discuss floodplain management and addressed the issue of NFIP "repetitive loss properties." The committee tried to explain that real estate prices in Miami-Dade County make buyouts of the repetitive loss properties unrealistic. The committee has been able to get a commitment from Florida DEM for a \$50,000 Flood Mitigation Assistance grant to help attain our goal of 100% participation in the Community Rating System (CRS) program.

Everyone was reminded once again of the latest edicts emanating from FDEM wherein participation in the LMS is a requirement for a number of grants including the Hazard Mitigation Grant Program and the Flood Mitigation Assistance Program.

The LMS master document was published June 30, 2000 and reflects the format changes as recommended by the Steering Committee. The document is now divided into four parts: The Strategy, The Projects, and The Funding Sources followed by the appendices and minutes of previous meetings. The next publication will be December 31, 2000 and all submittals for this must be in by the first week of December.

The LMS Working Group also confirmed that it will continue to meet quarterly and the Steering Committee will meet monthly or as needed. The next Working Group meeting will take place Wednesday, December 6, 2000 at 9:30 AM at the EOC.

The LMS Working Group meeting adjourned at 10:30 a.m.

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The Local Mitigation Strategy Working Group

Minutes of the December 6, 2000 meeting:

Municipalities in attendance:

Aventura	Homestead	North Miami
Bal Harbour	Key Biscayne	Pinecrest
Coral Gables	Miami	South Miami
Florida City	Miami Beach	Sweetwater
Hialeah	Miami Springs	West Miami

Others in attendance:

Alliance for Aging	American Red Cross
Catholic Charities	Citrus Health Network
Exeter Architectural Products	Federal Emergency Management Agency
Florida DCA/DEM	Florida International University
H.J. Ross & Associates	Hurricane Protection Industries
International Hurricane Center	Mercy Hospital
Miami Children's Hospital	Miami-Dade Community College
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Park & Recreation	Miami Museum of Science
Miami-Dade Public Works	Miami-Dade Transit Agency
Miami-Dade Water & Sewer	Miami-Dade Cooperative Extension Svc
National Weather Service	Neighbors 4 Neighbors
PBS&J	Seminole Tribe of Indians
South Florida Limestone Coalition	Unlimited Applications, Inc.
University of Miami	URS Corporation
U.S. Army Corps of Engineers	South Florida Water Management District
Miami-Dade Office of Intergovernmental Affairs	
University of Florida Institute of Food and Agricultural Sciences	

Welcoming for the first time: Mike Weston from the Alliance for Aging, Nick Michalisin from Exeter Architectural Products, Cesar Calas from H.J. Ross & Associates, Michael Sorbello who replaces Gil Delgado as representative of Miami-Dade Parks, Juliana Walsh from the Miami-Dade Office of Intergovernmental Affairs, Alberto Parjus and Lisa McMillion for Miami-Dade Transit, Jim Lushine and David Kosier from NWS Miami Forecast Office, Lynne Cameron from Neighbors 4 Neighbors, Guy Hamilton from Unlimited Applications, Inc., Victor Powell from the South Florida Water Management District, Michael Nardone from URS Corporation, Paul Larsen from the South Florida Limestone Mining Coalition, Royce Tipton from the U.S. Army Corps of Engineers and Joe Kippenberger from the Seminole Tribe. Because of the joint meeting with the Governor's Flood Task Force, we also had with us today numerous representatives from FEMA, Florida Department of Community Affairs and representatives of several county commissioners and members of congress.

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The meeting began at approximately 9:30 AM, chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

The first order of business was to remind everyone that the December 2000 edition of the LMS project list is ready to go to press. Everyone was reminded once again of the latest edicts emanating from FDEM wherein participation in the LMS is a requirement for a number of grants including the Hazard Mitigation Grant Program and the Flood Mitigation Assistance Program. This is the last call for submitting mitigation projects for inclusion in the list. The next edition will be June 2001.

The Evacuation Restudy Committee continues its work. On September 26, 2000, a forum chaired by Cathie Perkins was held to discuss the "High-rise Dilemma;" the problems occurring before, during and after a hurricane for people living in high-rise apartments and condos. Contributing were Hugh Gladwin and Nikki Dash from FIU, John Pistorino from the engineering firm of Pistorino & Alam, Jeff Robinson from Hurricane Protection Industries, Klaus Bemke from Miami Elevator, Lilia Vietia from The Continental Group, a property management company, Bill Wilson from the American Red Cross, John Hulsey from the South Florida Regional Planning Council and representatives from many of our municipalities that have high-rise structures. A transcript of the discussion is available through Miami-Dade OEM. The high-rise discussion will continue in the future.

The drawbridge task force continues to meet to iron out problems that might occur with our drawbridges during an evacuation. The group includes representatives from Miami-Dade OEM, Miami-Dade Public Works, Florida DOT, U.S. Coast Guard Marine Safety Office and the U.S.C.G. Bridge Operations Section, the Port of Miami, DERM, City of Miami, City of Miami Beach, Bay Harbor Islands, and Broward and Palm Beach County Public Works

The CERT Program (Community Emergency Response Team) continues to grow and is the largest in the state of Florida with over 700 members now trained. The program is now working with the University of Miami to develop a campus CERT program.

The Wildfire Committee continues to work to refine the prescribed burn program and will next meet January 10, 2001. The wildfire committee is made up of representatives from the Florida Division of Forestry, DERM, Miami-Dade OEM, Miami-Dade Fire Rescue, Miami-Dade Parks Natural Areas Management, the Nature Conservancy and Everglades National Park.

The Flood Reduction Committee's CRS sub-committee reports that Florida City, Homestead, Miami Springs, Opa-locka and Pinecrest have all begun the application process for gaining status as Community Rating System municipalities. We will continue working with the other communities in our effort to have 100% of the municipalities as CRS cities.

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The shelter retrofit program has now submitted 17 properties for HMGP funding. These include 11 schools, 3 park buildings, the Humane Society shelter, Miami Children's Hospital and CHPI homeless shelter.

Dr. Joe Garofalo from the University of Florida's Institute of Food and Agricultural Sciences has agreed to conduct another "Proper Tree Trimming" class in the spring prior to hurricane season.

Effective September 13, 2000 Miami-Dade County and its municipalities has become a Project Impact Community. Dennis Smith, the Project Impact Coordinator for the State of Florida and a planning manager for the Florida Showcase Community project gave a presentation on Project Impact and what it means to us as a community. It was agreed that the Local Mitigation Strategy Working Group would become the Project Impact Working Group and the LMS Steering Committee would become the Project Impact Steering Committee. Dennis recommended that, in addition to the committees already in existence, we form several others namely, Ways and Means, Legislative and Private Sector Coordination. The group agreed to do this. Hank Erikson from Florida DCA will be the immediate Project Impact liaison for Miami-Dade County. Steve Randolph from FEMA was introduced as our FEMA Region IV Project Impact Coordinator.

The final order of business was to report on the Governor's South Florida Flooding Task Force that will now become part of the Project Impact Working Group. A full report of the activities concerning the October 3rd storm was delivered to the group and a joint FEMA/State of Florida Report was distributed. Basically, the initial projects will include installation of an 800 cps pump on the C-4 Canal to be located at the S25B spillway. The canal will be dredged to remove 3 feet of fill over a 7.2-mile segment going west from the S25B. Drainage projects will be done in the Flagami neighborhood of the City of Miami, in the City of Sweetwater and in the City of West Miami. (Note: All of the foregoing is contingent upon a successful NEPA review.) A report on Phase 2 will be made at the next Working Group meeting.

Mr. Paul Larsen representing the South Florida Limestone Mining Coalition gave a presentation of an offer by the limestone miners to allow the storage of stormwater on 19 square miles of their land located in the area known as the Lake Belt. This is a generous offer but will require considerable study to ensure there is no impact on the northwest well field that is also located in the Lake Belt.

The Working Group agreed to meet again in January to continue the development of Project Impact and to work on the flood mitigation project. The Steering Committee will meet monthly or as needed. The next Working Group meeting will take place Tuesday, January 9, 2001 at 9:00 AM in the Fire Board Chambers. (Note: This meeting was postponed until March 7, 2001 for technical reasons.)

The LMS/Project Impact Working Group meeting adjourned at 11:30 a.m.

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The Local Mitigation Strategy Working Group

Minutes of the January 9, 2001 meeting:

Municipalities in attendance:

Aventura	Miami Springs	South Miami
Hialeah	North Miami	Sweetwater
Homestead	Pinecrest	Virginia Gardens
Key Biscayne	Miami Beach	West Miami
Miami		

Others in attendance:

Alliance for Aging	American Red Cross
Catholic Charities	CPHI
Exeter Architectural Products	Federal Emergency Management Agency
Florida DCA/DEM	Florida International University
H.J.Ross & Associates	Homestead Hospital
Hydrological Associates	International Hurricane Center
Knezevich & Associates	Media Interactives
Mercy Hospital	Metcalf & Eddy, Inc.
Miami-Dade Community Action Agency	Miami-Dade Cooperative Extension Svc
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Park & Recreation	Miami-Dade Public Works
Miami-Dade Transit Agency	Miami-Dade Water & Sewer
PBS&J	Seminole Tribe of Indians
South Florida Limestone Coalition	Unlimited Applications, Inc.
University of Miami	URS Corporation
Woolpert, LLP	South Florida Water Management District
South Florida Resource Conservation & Development Council	
Miami-Dade Office of Intergovernmental Affairs	
University of Florida Institute of Food and Agricultural Sciences	

Welcoming for the first time: Gordon Ansell from Mercy Hospital, Dan Deegan and Michael Lee from PBS&J, Sandra Jenkins from Homestead Hospital, Brad Waller from Hydrologic Associates, Kevin Berg and Sue Normand from Media Interactives, and Lisa McMillion from MDTA. Because of the joint meeting with the Governor's Flood Task Force, we also had with us today numerous representatives from FEMA, Florida Department of Community Affairs and representatives of several county commissioners and members of congress.

The meeting began at approximately 9:00 AM, chaired by Frank Reddish of the Miami-Dade County Office of Emergency Management.

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The first order of business was to present an update on the progress of the flood recovery work in progress throughout the county. The LMS flood reduction committee has continued to meet regularly with FEMA and the Florida Division of Emergency Management (FLDEM). The NEPA review is underway and is predicted for completion in April or May.

Kevin Berg, a producer for Media Interactives informed the group that a disaster information CD ROM is in production and will feature Miami-Dade County and it's Project Impact program. The CD has the blessing of FEMA and Florida DCA.

The CERT Program (Community Emergency Response Team) continues to grow and is the largest in the state of Florida with over 800 members now trained. The program continues working with the University of Miami to develop a campus CERT program.

As mentioned at the last meeting a tree-trimming class is now scheduled for May. This time it will be held at the Cooperative Extension Service offices in Homestead.

The Working Group agreed to meet again in March to continue the development of Project Impact and to work on the flood mitigation project. The Steering Committee will meet monthly or as needed. The next Working Group meeting will take place Wednesday, March 7, 2001 at 9:30 AM in the Fire Board Chambers.

The LMS/Project Impact Working Group meeting adjourned at 11:30 a.m.

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The Local Mitigation Strategy/Project Impact Working Group

Minutes of the March 7, 2001 meeting:

Municipalities in attendance:

Aventura	Medley	North Miami
Coral Gables	Miami	Pinecrest
Florida City	Miami Beach	South Miami
Hialeah	Miami Lakes	Sweetwater
Homestead	Miami Shores	West Miami
Key Biscayne	Miami Springs	

Others in attendance:

American Red Cross	Catholic Charities
C3TS	Citrus Health Network
CPHI	Craig A. Smith & Associates
Federal Emergency Management Agency	Florida DCA/DEM
Florida Dept. of Environmental Protection	Florida Division of Forestry
Florida International University	Florida Power & Light
F.R.I.E.N.D.S, Inc.	Florida Sea Grant Program
International Hurricane Center	Mercy Hospital
Miami-Dade Aviation Department	Miami-Dade Communications Dept.
Miami-Dade Community Action Agency	Miami-Dade Cooperative Extension Svc
Miami-Dade DERM	Miami-Dade Expressway Authority
Miami-Dade Finance Department	Miami-Dade Park & Recreation
Miami-Dade Public Works	Miami-Dade Transit Agency
Miami-Dade Water & Sewer	Miami Rescue Mission
Miami Museum of Science	PBS&J
Ryder Logistics & Transportation	South Florida Limestone Coalition
South Florida Water Management District	United Home Care Services
University of Miami	Unlimited Applications, Inc.
URS Corporation	WFOR – CBS4
White Rock Quarries	Woolpert, LLP
South Florida Resource Conservation & Development Council	
University of Florida Institute of Food and Agricultural Sciences	
Miami-Dade Office of the Mayor	

Welcoming for the first time: Mary Collins, Councilwoman from the newly formed Town of Miami Lake, Marella Crane from the Florida Sea Grant program, Judy Frank and Brick Rule from FPL, Greg Jeffries & Orlando Rubio from Craig A. Smith & Associates, Steve Hale from White Rock Quarries, Gary Lewis from the Florida Division of Forestry, Jose Calas from Florida Department of Environmental Protection, Bryan Norcross from WFOR-TV Channel 4, Hilda Olexa, the new representative for Miami-

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Dade Aviation Department, Lynn Norman from Miami-Dade Communications Department and Tom Murphy from the Miami-Dade Expressway Authority. Because of the joint meeting with the Governor's Flood Task Force, we also had with us today numerous representatives from FEMA, Florida Department of Community Affairs and representatives of several county commissioners and members of congress.

The meeting began at approximately 9:30 AM, chaired by Frank Reddish, Project Impact coordinator from the Miami-Dade County Office of Emergency Management.

The first order of business was to introduce several of the newcomers mentioned above including Mary Collins representing Miami-Dade's newest municipality, the Town of Miami Lakes which has now joined the Local Mitigation Strategy Working Group and Project Impact.

Recently, FEMA and President Bush have stated that Project Impact or, at least its funding may be discontinued. The tone of the group today is that Miami-Dade County and the Miami-Dade Project Impact Partners will continue the program with or without the federal government.

The next order of business was to present an update on the progress of the flood recovery work in progress throughout the county. The LMS flood reduction committee has continued to meet regularly with FEMA and the Florida Division of Emergency Management (FLDEM). The NEPA review is underway and is predicted for completion in April or May. The canal bottom sampling and profiling is now complete for the C-4 Canal. The pump to be located at the S25B structure has been designed and a construction bid has been let. The easement problems have been solved. A recommended site for the 500 to 1000 acre reservoir has been identified within the Lake Belt area. The flood committee was introduced again.

Roman Gastesi of the South Florida Water Management District gave a presentation on the current drought. He stated that this is the worst drought on record and that Phase II water restrictions will continue indefinitely. Roman passed out literature describing the Phase II restrictions.

Gary Lewis of the Florida Division of Forestry spoke about the ongoing wildfire problems of late. He told us that a major planned or controlled burn is planned for late April in the area south of Florida City and east of U.S.1 to take place when a favorable wind is present.

There will be two half-day workshops on the Community Rating System (CRS) sponsored by Florida DEM and scheduled for May 10, 2001. The morning session is for cities not now in the CRS program while the afternoon session is for cities with an established CRS program. Everyone is urged to attend.

Dr. Joe Garofalo of the county Agriculture Extension Service will teach a class on

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May 22nd on the proper way to prune a tree for hurricane season. After lunch the group will trim an actual tree. Parks and Public Works people will get a lot out of this class. If interested, sign up with Cathie Perkins of Miami-Dade OEM.

The Working Group agreed to meet again in May to continue the development of Project Impact and to work on the flood mitigation project. The May meeting will also be our official "Project Impact Signing Ceremony." The actual date, time and place for the meeting will be announced soon. The Steering Committee will meet monthly or as needed.

The LMS/Project Impact Working Group meeting adjourned at 11:30 a.m.

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The Local Mitigation Strategy/Project Impact Working Group

Minutes of the May 30, 2001 meeting:

Held at Vizcaya Museum and Gardens

Municipalities in attendance:

Coral Gables	Miami	Opa-locka
El Portal	Miami Beach	South Miami
Florida City	Miami Lakes	Sweetwater
Homestead	Miami Shores	Virginia Gardens
Key Biscayne	Miami Springs	West Miami

Others in attendance:

American Red Cross	Catholic Charities
C3TS	CPHI
Craig A. Smith & Associates	Exeter Architectural Products
Federal Emergency Management Agency	Florida DCA/DEM
Florida Dept. of Environmental Protection	Florida Division of Forestry
Florida International University	Florida Power & Light
F.R.I.E.N.D.S, Inc.	Florida Sea Grant Program
The Home Depot	Humane Society of Greater Miami
Hurricane Protection Industries	International Hurricane Center
Mercy Hospital	Miami Children's Hospital
Miami Country Day School	Miami-Dade Communications Dept.
Miami-Dade Community Action Agency	Miami-Dade County Manager's Office
Miami-Dade Cooperative Extension Svc	Miami-Dade DERM
Miami-Dade Finance Department	Miami-Dade Fire Rescue & Fire Board
Miami-Dade Office of the Mayor	Miami-Dade Public Works
Miami-Dade Transit Agency	Miami-Dade Water & Sewer
Miami-Dade Public Schools	Miami Museum of Science
Miami Rescue Mission	PBS&J
Ryder System, Inc.	Ellen Roth for Senator Graham
University of Florida Institute of Food and Agricultural Sciences	
United States Army Corps of Engineers	WB Consulting
United States Weather Service Miami Forecast Office	

This meeting of the Miami-Dade Project Impact Working Group, is not only our official signing ceremony where each member declares themselves a "Project Impact Partner," but it is also combined with and will serve as the annual Miami-Dade County Public Officials Conference. The meeting was held at Vizcaya Museum and Gardens, a national landmark on the National Registry for Historic Places. Vizcaya was chosen because it had suffered storm surge damage after Hurricane Andrew and many hazard miti-

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gation measures were installed here to protect this historic structure. The audience could see mitigation at work throughout the meeting. As each attendee entered they were invited to sign a giant proclamation (mounted on a storm panel) stating that they are a "Project Impact Partner."

The meeting began at approximately 9:30 AM, opened by Chief Chuck Lanza, director, Miami-Dade Office of Emergency Management who, in his opening remarks gave a brief history of the Miami-Dade Local Mitigation Strategy (LMS) and how it evolved into Project Impact. Chuck then introduced Frank Reddish, Project Impact coordinator for Miami-Dade County.

The business of Project Impact was discussed at this point prior to any ceremonies. Frank gave an update on the progress of the C-4 Canal Basin project and the many municipal drainage projects in progress. Frank announced on behalf of the Florida Division of Forestry that it appears the large wildfire that burned south of Florida City in late April turned out to be extremely beneficial for the area.

Frances Spiegel of the American Red Cross was introduced and told the group about the "Spring Break Shuttering Project." A group of students from Mississippi State University joined the American Red Cross, Americorps, The Home Depot, HPI, Miami-Dade OEM, and the City of North Miami in a Project Impact project to install hurricane panels on the homes of senior citizens. It was a huge success!

Next, Captain Bob Palestrant, our CERT coordinator, gave an update on the status of the CERT program. CERT is alive and well and growing in Miami-Dade County.

At this time, the dais was turned over to our Public Officials Conference master of ceremonies, Bill Delgrosso, who introduced the guest speakers. County Manager Steve Shiver first introduced the many public figures in attendance. He then spoke on behalf of Miami-Dade County and the local Project Impact partners. Frank Koutnik, Chief of the Bureau of Planning and Policy for the Florida Department of Community Affairs spoke on behalf of the state of Florida partners. Finally, Todd Davison, director for mitigation for FEMA Region IV spoke on behalf of the federal government partners. Each of the speakers then signed the giant proclamation, which had been brought to the dais.

After the ceremony, the public officials in attendance were briefed on the state of emergency management and the upcoming hurricane season.

The Working Group agreed to meet again in September (exact date, time and place to be announced) to continue the development of Project Impact. The Steering Committee will continue to meet monthly or as needed.

The LMS/Project Impact Working Group meeting and signing ceremony adjourned at 11:30 a.m.

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The Local Mitigation Strategy/Project Impact Working Group

Minutes of the September 20, 2001 meeting

Held in the Operations Room of the Miami-Dade Emergency Operations Center

Municipalities in attendance:

Aventura	Key Biscayne	Pinecrest
Coral Gables	Miami	Virginia Gardens
Hialeah	Miami Springs	West Miami
Homestead	North Miami	

Others in attendance:

American Medical Response	American Red Cross
Citrus Health Network	Disaster Management, Inc.
Exeter Architectural Products	Florida DCA/DEM
Florida International University	Florida Power & Light
Focal Communications	F.R.I.E.N.D.S, Inc.
Greenhorne & O'Mara	H.J. Ross & Associates
Hazen and Sawyer	The Home Depot
Humane Society of Greater Miami	Hurricane Protection Industries
International Hurricane Center	Law Engineering
Mercy Hospital	Miami Christian School
Miami-Dade Cooperative Extension Service	Miami-Dade DERM
Miami-Dade Finance Department	Miami-Dade Office of the Mayor
Miami-Dade Water & Sewer	Miami Museum of Science
Miami Rescue Mission	Ryder System, Inc.
Ellen Roth for Senator Graham	The Salvation Army
University of Miami	WFOR-CBS-4
South Florida Resource Conservation & Development Council	
South Florida Water Management District	
University of Florida Institute of Food and Agricultural Sciences	

Joining us for the first time were American Medical Response, Disaster Management, Inc., Focal Communications, Greenhorne & O'Mara, Inc., Hazen and Sawyer, Law Engineering and Environmental Services, Inc. and the Miami Rescue Mission.

The meeting of the Project Impact/Local Mitigation Strategy Working Group began at approximately 9:30 AM, opened by Project Impact Coordinator Frank Reddish, Miami-Dade Office of Emergency Management. (Note: From now on, in Miami-Dade County Project Impact and the Local Mitigation Strategy (LMS) are considered synonymous.)

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The first item of business was a report by Victor Powell from the South Florida Water Management District with an update on the progress of the C-4 Canal Basin initiative including the S25B forward pump and the many municipal drainage projects in progress. Victor also discussed the advanced modeling and the NEPA review, which is underway for the lateral pumping and the Lake Belt impoundment area.

Following Victor, Mike Gambino from Miami-Dade Department of Environmental Resources Management (DERM), who is also the Community Rating System Coordinator for Miami-Dade County, gave a report on the progress of the FIRM Map re-study and the status of the repetitive loss properties throughout the county. Mike also explained the FEMA "Cooperative Technical Partner" program in which the county plans to participate. Mike encouraged the municipalities to do the same.

Frank Reddish explained the residential shuttering program to the Working Group. This program, which is designed to provide hurricane panels to low-income elderly, is being funded by a \$330,000 grant from FEMA through the state of Florida. Miami-Dade Mayor Alex Penelas and the Board of County Commissioners voted to add an additional one million dollars to the program. This should allow us to protect between 1,200 to 1,300 homes. Full details of the program will be provided by next month.

The LMS/Project Impact Steering Committee proposal to require participation in at least one Project Impact or Local Mitigation Strategy function during each six-month period to remain a member of the Working Group was ratified unanimously. This means those municipalities, county departments or other organizations that fail to attend at least one function between January 1st and June 30th and again between July 1st and December 31st of each year will be dropped from Project Impact and LMS and will no longer be eligible for funding in programs such as the Hazard Mitigation Grant Program (HMGP) and the Flood Mitigation Assistance Program nor will they be awarded LMS bonus points in other programs such as the Emergency Management Preparedness and Assistance Trust Fund.

It was announced that from now on all Project Impact correspondence will be by e-mail and faxes will no longer be used. Those Working Group members without e-mail are encouraged make arrangements with someone who does have it in order to receive notices.

At this time the subject of terrorism and the concept of mitigation against terrorism as a part of Project Impact was introduced. A lively discussion followed and it seems we want to take this on. Among the items addressed is a revisit to the critical facilities inventory and a public education program. Those contributing to the discussion were Ricardo Alvarez, deputy director of the International Hurricane Center at FIU, Andy Austin, storm water utility manager for the City of Hialeah, Captain Ed Bowe of the City of Homestead police department, Richard Ford from the Salvation Army, Yocelyn Galiano Gomez, assistant village manager of the Village of Pinecrest, Mike Gambino from

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DERM, Dr. Hugh Gladwin, director of the Institute for Public Opinion Research at FIU, Dr. Charles Gottlieb, director of environmental health and safety for the University of Miami, Dr. Lorena Morrison, school head of Miami Christian School, Dr. Walter Peacock, head of the Department of Sociology and Anthropology at Florida International University, Don Pybas, County Extension Director, University of Florida Institute of Food and Agricultural Sciences, Ellen Roth, regional director for Senator Bob Graham, Len Salva, general manager for Focal Communications and Victor Vincent, operations director for the Miami Museum of Science. Further counter-terrorism proposals will be studied by the Steering Committee and brought to the Working Group at the next meeting.

The Working Group agreed to meet again in December 2001 (exact date, time and place to be announced) to continue the development of Project Impact. The Steering Committee will continue to meet monthly or as needed.

Prior to adjournment, all new members and others who have not done so were invited to sign the Project Impact proclamation document. The Project Impact Working Group meeting was adjourned at approximately 11:00 a.m.

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Project Impact and The Local Mitigation Strategy Working Group

Minutes of the December 19, 2001 meeting

Held at the Kovens Conference Center at Florida International University

Municipalities in attendance:

Aventura	Homestead	North Miami
Biscayne Park	Medley	North Miami Beach
Coral Gables	Miami	South Miami
Florida City	Miami Beach	Sunny Isles Beach
Golden Beach	Miami Lakes	Virginia Gardens
Hialeah Gardens	Miami Shores	

Others in attendance:

American Red Cross	Citrus Health Network
C3TS	FEMA
Florida DCA/DEM	Florida DEP
Florida International University	Florida Power & Light
Florida State Attorney's Office	F.R.I.E.N.D., Inc.
The Home Depot	Humane Society of Greater Miami
International Hurricane Center	Johnson & Wales University
Law Engineering	Miami-Dade County Manager's Office
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Housing Agency	Miami-Dade Office of the Mayor
Miami-Dade Office of Emergency Mgmt.	Miami-Dade Seaport
Miami-Dade County Public Schools	Miami Rescue Mission
University of Miami	South Florida Regional Planning Council
South Florida Water Management District	U.S. General Accounting Office
U.S. Geological Survey	

Joining us for the first time were representatives from the Port of Miami, the State Attorney's Office, the U.S. Geological Survey, and a team from the U.S. General Accounting Office who are observing Project Impact at work.

The meeting of the Project Impact/Local Mitigation Strategy Working Group began at approximately 9:30 AM, opened by Project Impact Coordinator Frank Reddish. The group was greeted by David Grossman, dean of the Florida International University outreach program and our host for this meeting, which is being held at the Roz and Cal Kovens Conference Center on the FIU Biscayne Bay campus.

Following the greeting by Dean Grossman, Frank Reddish gave a summary report on several LMS projects currently under way:

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The C-4 Basin flood control initiative is moving right along with completion of the pump station at the S25B structure scheduled for next month. The environmental and permitting process for the upstream impoundment area is also underway. Victor Powell wishes to move the pump on the C-6 canal from near White Rock Quarries downstream to the S26 structure. This project, at approximately \$60,000,000, is the single largest Hazard Mitigation Grant Program (HMGP) project ever undertaken, both in cost and in scope of work.

The residential shuttering program continues. We were disappointed that we didn't have as many sign up when the program first began but we will continue to accept applications until all funds have been exhausted. Total funding for this program includes \$330,000 HMGP funds from FEMA and the state supplemented by \$1,000,000 from the Miami-Dade Board of County Commissioners.

The \$3,000,000 HMGP institutional shelter-shuttering program is also going strong and all applications have been submitted to the state. The applicants include the Salvation Army, Miami Rescue Mission, Humane Society, Florida International University, University of Miami and the city of Sweetwater.

The LMS/Project Impact has been able to secure \$5,000,000 in HMGP funding to complete the encapsulation project at Miami Children's Hospital. The application process is underway and going well.

Captain Bob Palestrant, our CERT program chairman from Miami-Dade Fire Rescue, briefed the group on the status of the Community Emergency Response Team (CERT) program. We have close to 1000 people that have completed CERT training and the program is being expanded to include business CERTs and University CERTs. Also, we have set aside \$8,000 of our FEMA Project Impact to help equip low-income CERT teams. For those that don't know, unlike other CERT programs around the nation, our CERT training is carried out the members of Florida Task Force 1, Miami-Dade Fire Rescue's elite, internationally known urban search and rescue team.

Mike Gambino from DERM, our resident floodplain expert, briefed the Working Group on the Flood Mitigation Assistance Program. A FMA workshop is being held in Miami-Dade County on January 11, 2002. Mike also reported that not much progress has been made in the FIRM map restudy (more to come on this). He was joined in the discussion by FEMA Project Impact guru, Stephen Randolph

At this time our hosts from FIU – Ricardo Alvarez, Nicole Dash, Martha Gutierrez and Bonnie Brandt gave a presentation on the many roles that FIU plays in our community. Ricardo discussed the International Hurricane Center, a state function located on the FIU campus; Martha briefed us on the TerraFly program, which is an advanced aerial photography online program (www.terrafly.com). Ms. Dash gave us an overview of the role of FIU's department of sociology and the sociology of disaster and

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Bonnie discussed the many FIU community outreach programs. All of the FIU endeavors are excellent and we are fortunate to have this institution as a Project Impact partner.

The Working Group agreed to meet again in March 2002 (exact date, time and place to be announced) to continue the development of Project Impact. The Flood Committee will hold a general informational meeting in February 2002. The FIRM remapping subcommittee will convene in early 2002 with Mike Gambino serving as chairman. The Steering Committee will continue to meet monthly or as needed.

The Project Impact Working Group was meeting adjourned at approximately 11:45 a.m. followed by a delightful luncheon provided by our gracious host and Project Impact partner, Florida International University.

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Project Impact and The Local Mitigation Strategy Working Group

Minutes of the March 19, 2002 meeting

Held at the Miami-Dade Emergency Operations Center

Municipalities in attendance:

Coral Gables	Medley	North Miami
El Portal	Miami	Opa-locka
Florida City	Miami Beach	Pinecrest
Hialeah	Miami Lakes	South Miami
Homestead	Miami Shores	Sweetwater
Key Biscayne	Miami Springs	

Others in attendance:

American Red Cross	Biscayne National Park
CBS – Channel 4 - WFOR	Catholic Charities
CHARLEE Program	Civil Air Patrol
Craig A. Smith & Associates	Community Partnership for the Homeless
Disaster Management, Inc.	FEMA
Florida International University	Florida Power & Light
Focal Communications, Inc.	F.R.I.E.N.D., Inc.
The Home Depot	Hurricane Protection Industries, Inc.
International Hurricane Center	John Adams & Company
Law Engineering	Miami-Dade County Manager's Office
Miami-Dade DERM	Miami-Dade Finance Department
Miami-Dade Housing Agency	Miami-Dade Office of the Mayor
Miami-Dade Office of Emergency Mgmt.	Miami-Dade Office of Water Resources
Miami-Dade Park & Recreation Department	Miami-Dade P.D. Animal Services
Miami-Dade Seaport	Miami-Dade Solid Waste Management
Miami-Dade Water & Sewer Department	Miami-Dade County Public Schools
Miami Children's Hospital	Miami Christian School
Miami Country Day School	Miami Rescue Mission
Ryder System, Inc.	University of Florida Agriculture Extension
University of Miami	South Florida Regional Planning Council
South Florida Water Management District	U.S. Geological Survey
South Florida Resource Conservation and Development Council	

Joining us for the first time: John Adams & Co., Biscayne National Park, the CHARLEE Program, and the Civil Air Patrol.

The meeting of the Project Impact/Local Mitigation Strategy Working Group began at approximately 9:30 AM, opened by Project Impact/LMS Coordinator Frank Red-

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dish who gave a summary report on several LMS projects currently under way.

There will be a Community Rating System (CRS) workshop sponsored by Florida Department of Community Affairs at the EOC on April 11th. Mike Gambino, from DERM, gave a talk on why CRS is important to everyone.

There will be a class sponsored by the Cooperative Extension Service on the proper way to prune trees to prevent damage from hurricanes. This will be held at the Ag Center in Homestead on May 30th.

There will be a Hurricane Andrew 10 Year Summit held at Florida International University May 30 and 31. The summit is sponsored by the International Hurricane Center at FIU.

We have been officially approved as a "StormReady" community by the United States Weather Service. Our official sign will be presented at a future meeting.

Chief Chuck Lanza, director of Miami-Dade Office of Emergency Management addressed the group to discuss counter-terrorism and the new homeland security issue. Chuck recommended that the "Citizens Corps Council" as defined by President Bush should be made up of the LMS Working Group. This will be discussed further at the next meeting.

The C-4 Basin flood control initiative is moving right along. The pump station at the S25B structure is complete and a dedication ceremony is scheduled for Monday, March 25, 2002. The environmental and permitting process for the upstream impoundment area is also underway. The LMS flood committee has approved moving the pump on the C-6 canal to a new location at the S26 salinity control structure. The C-4 project, at approximately \$60,000,000, remains the single largest HMGP project ever undertaken, both in cost and in scope of work.

The residential shuttering program continues. Although over 600 applications have been received and more than 70 residences are complete, we are still disappointed that we don't have more applicants. We will continue to accept applications until all funds have been depleted. Total funding for this program includes \$330,000 HMGP funds from FEMA and the state supplemented by \$1,000,000 from the Miami-Dade Board of County Commissioners.

The \$5,000,000 grant for the encapsulation project at Miami Children's Hospital has been approved by all parties. Ground breaking is planned for early summer.

Captain Bob Palestrant, our CERT program chairman from Miami-Dade Fire Rescue, briefed the group on the upcoming Community Emergency Response Team (CERT) annual exercise to be held this year in Miami Lakes. This year teams from other counties will be invited to participate.

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Dr. Charles Gottlieb gave a report on the Disaster Resistant Universities conference held at the University of Miami in January. Most of the schools in the pilot program attended including the University of California at Berkeley, the University of Washington, the University of Alaska, Fairbanks and the University of North Carolina, Wilmington.

Gene Beck, from Florida Power & Light, gave a presentation on the programs FPL has to financially assist in mitigation measure such as building retrofits. Contributions by FPL may be used as part of the local match to FEMA grants.

Sarah Bellmund, naturalist from Biscayne National Park and Lawrence Frank from FEMA gave a presentation explaining a new wetlands project being developed by the National Park Service. The program will include the development of a wetlands area along the southern coast of Miami-Dade county and will have the effect of diffusing storm water runoff over a wide area of shoreline rather than concentrate the fresh water infusion into the bay at the mouths of the canals.

Raul Paterson, civil engineer from the U.S. Geological Survey, described a program now under development to provide real-time monitoring of rising water during periods of heavy rainfall. This should have the effect of allowing us to better predict potential flood hazards.

The Working Group agreed to meet again in June 2002 (exact date, time and place to be announced). The Steering Committee will continue to meet monthly or as needed.

The Working Group meeting was meeting adjourned at approximately 11:30 a.m.

The Miami-Dade Local Mitigation Strategy

June 30, 2003

Project Impact and The Local Mitigation Strategy Working Group

Minutes of the June 18, 2002 meeting

Held at the Miami-Dade Fire Board Chambers

Municipalities in attendance:

Aventura	Miami	Pinecrest
Coral Gables	Miami Beach	South Miami
Hialeah	Miami Lakes	Sunny Isles Beach
Homestead	Miami Shores	Sweetwater
Key Biscayne	Miami Springs	Virginia Gardens
Medley	North Miami	

Others in attendance:

American Red Cross	Biscayne National Park
CBS – Channel 4 - WFOR	Catholic Charities
CHARLEE Program	Church World Services
Citrus Health Network	Community Partnership for the Homeless
C3TS Engineering	Disaster Management, Inc.
FEMA	Florida Division of Emergency Management
Florida International University	Florida Power & Light
Florida Sea Grant	F.R.I.E.N.D., Inc.
The Home Depot	Hurricane Protection Industries, Inc.
Hurst Awning Company	International Hurricane Center
Law Engineering	Miami-Dade Animal Services
Miami-Dade Community Action Agency	Miami-Dade County Manager's Office
Miami-Dade DERM	Miami-Dade Fire Rescue
Miami-Dade Finance Department	Miami-Dade Housing Agency
Miami-Dade Office of Emergency Mgmt.	Miami-Dade Office of the Mayor
Miami-Dade Park & Recreation Department	Miami-Dade Public Works
Miami-Dade Seaport	Miami-Dade Solid Waste Management
Miami-Dade Water & Sewer Department	Miami-Dade County Public Schools
Miami Children's Hospital	Miami Christian School
Miami Country Day School	Miami Rescue Mission
Mount Sinai Medical Center	PBS&J
Ryder System, Inc.	The Salvation Army
Senator Bob Graham's Office	South Florida Regional Planning Council
St. Thomas University	TECO Peoples Gas
University of Florida Agriculture Extension	University of Miami
Villanueva Associates	
South Dade Soil & Water Conservation District	

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South Florida Water Management District U.S. Geological Survey
South Florida Resource Conservation & Development Council

Joining us for the first time: Church World Services, Hurst Awning Company, Mount Sinai Medical Center and Peoples Gas Company.

The meeting of the Project Impact/Local Mitigation Strategy Working Group began at approximately 9:30 AM, opened by Project Impact/LMS Coordinator Frank Reddish who gave a summary report on several LMS projects currently under way.

The Community Rating System (CRS) workshop sponsored by Florida Department of Community Affairs on April 11th was a success as was the tree pruning class sponsored by the Cooperative Extension Service, which was held at the Ag Center in Homestead on May 30th.

The CERT exercise held May 18th in the Town of Miami Lakes was a great success with fifteen teams participating. Thanks to all those that helped bring it off.

There will be a "Skywarn" class for boaters on July 17th at the University of Miami's Rosenstiel School of Marine Science on Virginia Key. This class is sponsored by Marella Crane and the Florida Sea Grant Program.

We have been officially approved as a "StormReady" community by the National Weather Service. In a short ceremony, Jim Lushine, NWS Warning Coordination Meteorologist, officially presented our StormReady sign.

Mr. Raul Mercado, of the engineering firm PBS&J, gave a presentation explaining to all, in layman's terms, how the C-4 Basin flood control initiative actually works. PBS&J is the company that has done the extensive feasibility modeling for the C-4 project.

Ed Robinson of FEMA Region IV explained the NFIP Repetitive Loss Properties data collection process and what steps we are taking to improve our knowledge of flooding problems.

Hank Erikson, from the Florida Department of Community Services, discussed the Disaster Mitigation Act of 2000 and the subsequent changes to the Stafford Act and Title 44 of the Code of Federal Regulations.

The residential shuttering program continues. There are now over 170 residences completed and more underway. Bill Moriarity and Odis Olivero from Miami-Dade Community Action Agency were introduced as the ones overseeing the actual installations. The rest of the shutter committee were also introduced.

A request was made for volunteers to serve on the counter-terrorism committee,

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which is being formed to develop what will be “Countywide Initiative 3 – Counter-Terrorism.” This will be one of the initial actions by the LMS Working Group in its role as Citizens Corps Council. The members of the new committee will be published within a week. Miami-Dade police lieutenant Maureen Shaunessy was introduced as one of the personnel in OEM’s newly formed Division of Homeland Security.

The Working Group will next meet in September 2002 (exact date, time and place to be announced). The Steering Committee will continue to meet monthly or as needed.

The Working Group meeting was meeting adjourned at approximately 11:30 a.m.

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Project Impact and the Local Mitigation Strategy Working Group

Minutes of the September 19, 2002 meeting

Held at the Miami-Dade Fire Department Auditorium

Municipalities in attendance:

Aventura	Miami Shores	Pinecrest
Florida City	Miami Springs	Sweetwater
Homestead	North Miami	Virginia Gardens
Key Biscayne	North Miami Beach	West Miami
Miami		

Others in attendance:

American Red Cross	CBS – Channel 4 - WFOR
Catholic Charities	Church World Services
Citrus Health Network	Community Partnership for the Homeless
C3TS Engineering	Disaster Management, Inc.
Congressman Lincoln Diaz Balart's Office	Episcopal Diocese of Southeast Florida
FEMA	Florida Division of Emergency Management
Florida International University	Florida Power & Light
Florida Sea Grant	Florida State Attorney's Office
F.R.I.E.N.D., Inc.	H.J. Ross & Associates
The Home Depot	International Hurricane Center
Jackson Health System	Law Engineering
Miami-Dade Animal Services	Miami-Dade Aviation Department
Miami-Dade DERM	Miami-Dade Fire Rescue
Miami-Dade Finance Department	Miami-Dade Housing Agency
Miami-Dade Office of Emergency Mgmt.	Miami-Dade Park & Recreation Department
Miami-Dade Solid Waste Management	Miami-Dade County Public Schools
Miami Children's Hospital	Miami Christian School
Miami Country Day School	Neighbors 4 Neighbors
Ryder System, Inc.	The Salvation Army
Save A Life Foundation, Inc.	Senator Bob Graham's Office
St. Lawrence School	St. Thomas University
South Florida Regional Planning Council	South Florida Water Management District
University of Miami	URS Corporation
Villanueva Associates	University of Florida Agriculture Extension

Joining us for the first time: Episcopal Diocese of Southeast Florida, St. Lawrence School and the Save A Life Foundation.

The meeting of the Project Impact/Local Mitigation Strategy working group be-

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gan at approximately 9:30 AM, opened by Project Impact/LMS Coordinator Frank Reddish who gave a summary report on several LMS projects currently under way.

Frank also announced that the LMS terrorism mitigation committee is up and running and has met several times already.

José Fuentes and Humberto Alonso from the South Florida Water Management District reported on the progress of the C-4 Basin Initiative and also announced the ground breaking for the C-4 impoundment area which will take place October 4th.

Mike Gambino from Miami-Dade Department of Environmental Resources Management (and also an LMS Steering Committee member) report on several proposed projects including street drainage in the Belen neighborhood and the cleaning of the FEC Borrow Canal, which borders Virginia Gardens and Miami Springs.

There was additional discuss concerning the Disaster Mitigation Act of 2000, the subsequent changes to the Stafford Act and Title 44 of the Code of Federal Regulations and how these will effect the Miami-Dade Local Mitigation Strategy.

Liz Gutierrez of the American Red Cross reported on the residential shuttering program. There now over 350 residences completed and more underway.

Bryan Norcross of CBS Channel 4 made several proposals including building a wall that would demonstrate the various types of window protection available, to develop a checklist for homeowners to determine if their homes are safe from a hurricane and, the color coding of evacuation zones.

Bruce DeSautel of The Home Depot told us that a checklist such as that proposed by Bryan is under development by The Home Depot and FLASH, the Federal Alliance for Safe Homes.

Irv Bock of the Save A Life Foundation gave a presentation on his organization that teaches CPR and other life saving practices. A question and answer period followed. Susie Perkowitz will be our contact at Save A Life.

The Working Group will next meet December 18, 2002 (exact place to be announced). The Steering Committee will continue to meet monthly or as needed.

The Working Group meeting was meeting adjourned at approximately 11:30 a.m.

The Miami-Dade Local Mitigation Strategy

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Project Impact and the Local Mitigation Strategy Working Group

Minutes of the December 18, 2002 meeting

Held at the Graham Center at Florida International University

Municipalities in attendance:

Coral Gables	Miami	North Miami Beach
El Portal	Miami Shores	Pinecrest
Homestead	Miami Springs	Virginia Gardens
Key Biscayne	North Miami	West Miami
Medley		

Others in attendance:

Alliance for Aging	American Red Cross
Area Health Education Center	Catholic Charities
CBS – Channel 4 - WFOR	CHARLEE of Miami-Dade
Church World Services	Citrus Health Network
Florida Department of Transportation	FEMA
Florida Division of Emergency Mgmt.	Florida International University
Florida State Attorney's Office	Foster Construction
H.J. Ross & Associates	Hurst Awning Company, Inc.
International Hurricane Center	Jackson Health System
MacTec	Miami-Dade Animal Services
Miami-Dade Aviation Department	Miami-Dade Budget Office
Miami-Dade Community Action Agency	Miami-Dade DERM
Miami-Dade Finance Department	Miami-Dade Housing Agency
Miami-Dade Mayor's Office	Miami-Dade OEM
Miami-Dade Park & Recreation Department	Miami-Dade Seaport
Miami-Dade County Public Schools	Miami Children's Hospital
Miami Christian School	Ryder System, Inc.
Senator Bob Graham's Office	St. Thomas University
South Florida Regional Planning Council	South Florida Water Management District
United State Geological Survey	University of Miami
URS Corporation	University of Florida Agriculture Extension
Villanueva Associates	
United Property Owners of the 8.5 Square Mile Area	

Joining us for the first time: The Alliance for Aging and Foster Construction.

The meeting of the Project Impact/Local Mitigation Strategy working group began at approximately 10:00 AM, opened by Project Impact/LMS Coordinator Frank Red-

The Miami-Dade Local Mitigation Strategy

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dish who gave a summary report on several LMS projects currently under way. Frank then introduced Ricardo Alvarez.

Ricardo Alvarez, deputy director of the International Hurricane Center here at FIU, (and our host) welcomed the working group and then introduced Mark Rosenberg, provost of Florida International University. Dr. Rosenberg spoke on the importance of the relationship between the university and the community.

Dr. Rosenberg was followed by Chuck Lanza, director of the Miami-Dade Office of Emergency Management who spoke briefly on the excellent cooperation between FIU, the Office of Emergency management and the community at large.

Bill Moriarty, of the Miami-Dade Community Action Agency, gave the working group an update on the residential shuttering program, which has now installed window protect on the homes of over 600 low-income elderly residents of Miami-Dade County.

Ralph Carrillo, of the Miami-Dade Office of Emergency Management gave a report on the proceedings of the LMS terrorism mitigation committee, which is focusing on long-term mitigation by delivering information and education to our school children.

Frank Reddish presented some of the findings of the evacuation restudy committee. The storm surge evacuation zones have been studied by a subcommittee made up of representatives of the U.S. Army Corps of Engineers, the National Hurricane Center, the U.S. Geological Survey, the Florida Division of Emergency Management, PBS&J and the Miami-Dade Office of Emergency Management. The new evacuation zones were presented and they are comprised of three areas: the A or Red Zone consists of the barrier islands; B or Yellow Zone is the coastal mainland and the C or Green Zones is the far southern portion of the county subject to inland storm surge. Exact descriptions of these zones will accompany all printed maps depicting the changes.

John Leslie, Armando Ramirez and Raul Pellegrino from the South Florida Water Management District gave an update on the C-4 Basin initiative including some proposals for additional work. The work on the S-26 pumps is nearing completion, as is the work on phase 2 of the Sweetwater berm. Work is well underway on the emergency detainment basin. The entire project remains on time and within budget.

Dr. Mary Jo Trepka, director of epidemiology for the Miami-Dade County Health Department, gave a report on biomedical hazards and what is being done about it. She also asked for assistance to locate possible quarantine sites throughout the county.

Dr. Arthur Oyola-Yamaiel from the Florida Division of Emergency Management gave a presentation to the working group outlining several new programs underway at the Department of Community Affairs as well as discussing the Disaster Mitigation Act of 2000 and changes in Title 44 of the Code of Federal Regulations.

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Ricardo Alvarez spoke once again relating to the group the many undertakings at FIU and how they benefit the Miami-Dade Community. The community outreach program at FIU continues to grow and strengthen.

The Working Group will next meet Tuesday, March 18, 2003 at 9:30 A.M. in the auditorium of the Miami-Dade Fire Rescue Headquarters Building. The Steering Committee will continue to meet monthly or as needed.

The Working Group meeting was meeting adjourned at approximately 12:15 p.m. to an excellent lunch provided by our host, Florida International University.

The Miami-Dade Local Mitigation Strategy

June 30, 2003

Project Impact and The Local Mitigation Strategy Working Group

Minutes of the March 18, 2003 meeting

Held Miami-Dade Fire Rescue Headquarters Auditorium

Municipalities in attendance:

Coral Gables	Miami	Pinecrest
El Portal	Miami Lakes	Sunny Isles Beach
Hialeah	Miami Shores	Sweetwater
Homestead	Miami Springs	Virginia Gardens
Key Biscayne	North Miami	West Miami
Medley	North Miami Beach	

Others in attendance:

Alliance for Aging	American Red Cross
Area Health Education Center	Baptist Health System
Catholic Charities	CBS – Channel 4 - WFOR
CHARLEE of Miami-Dade	Church World Services
Citrus Health Network	CT3S Engineering
ERSA Consulting, Inc.	Florida Department of Transportation
FEMA	Florida Division of Emergency Management
Florida International University	Florida Sea Grant Program
Florida Power & Light	H.J. Ross & Associates
Hurst Awning Company, Inc.	International Hurricane Research Center
Jackson Health System	MACTEC
Miami Christian School	Miami-Dade Community College
Miami-Dade County Public Schools	Miami-Dade Animal Services
Miami-Dade Aviation Department	Miami-Dade Budget Office
Miami-Dade Community Action Agency	Miami-Dade DERM
Miami-Dade Finance Department	Miami-Dade Housing Agency
Miami-Dade Mayor's Office	Miami-Dade Office of Emergency Mgmt.
Miami-Dade Park & Recreation Department	Miami-Dade Planning and Zoning
Miami-Dade Public Works	Miami-Dade Seaport
Miami-Dade Water & Sewer	Miami Children's Hospital
Miami Country Day School	PBS&J
Ryder System, Inc.	Save A Life Foundation
St. Lawrence School	St. Thomas University
Senator Bob Graham's Office	South Florida Regional Planning Council
South Florida Water Management District	University of Miami
University of Miami Medical School	URS Corporation
University of Florida Agriculture Extension	

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The meeting called to order at approximately 9:30 A.M. by LMS Coordinator, Frank Reddish.

Frank informed the group that there have been over \$5,000,000 worth of mitigation projects completed since the last meeting, December 2002. Frank also pointed out to everyone that it is still a requirement to attend at least fifty percent of the LMS meeting to be considered a participant and be eligible for the benefits of the Local Mitigation Strategy.

Frank also discussed the new FEMA Pre-Disaster Mitigation Program and explained the differences between it and the Hazard Mitigation Grant Program. A class on benefit/cost analysis will be held in the Miami-Dade EOC on June 3 & 4 that will relate to the new program. People were told to contact Hank Erikson to sign up.

The Residential Shuttering Program for the elderly is still underway. In order to qualify for funding the total household income must not exceed \$20,000, and the owner of the house must be at 65 years old or older. The average cost to retrofit each house is between \$1,500 and \$1,600, and so far over 650 houses have been fitted. The program has been extended for an additional year.

Everyone was reminded of the new evacuation zones and the fact that they are now color-coded: Colors – Red – Zone A, Yellow – Zone B, and Green – Zone C. The new colors correspond with the ones in Broward County

Bruce Netter of Catholic charities and Jim Shultz of the University of Miami medical school gave a presentation on the concept of “neighborhood care centers” to divert the “worried well” or those who think they may be sick but aren’t away from hospital emergency rooms during a health crisis, outbreak or other mass care incident. This program would be headed through the UM Center for Disaster Epidemiology and Emergency Preparation.

Raul Pellegrino, John Leslie and Armando Ramirez gave us an update on the work on the C-4 Basin. The pump at the S-26 on the Miami River is complete and the dedication ceremony will be next month. Work continues on the emergency detention basin, the dredging and the Sweetwater berm. They also presented a list of proposed future projects including work on the C-2 and C-7 canals.

The next tree trimming class will be held Friday, May 30th at the Miami-Dade Cooperative Extension Service auditorium. This will mark the fourth consecutive year for this program that teaches park personnel and arborists the proper way to prune a tree for hurricane survival.

James Clausell, chairman of the CERT advisory board, gave us an update to the progress being made to reestablish the Miami-Dade CERT program. He suggested writ-

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ing to Mayor Penelas with your concerns.

Ricardo Alvarez, deputy director of the International Hurricane Research Center (IHRC) at FIU announced that FIU was applying to the National Science Foundation to become a Science and Technology Center specializing in hurricane vulnerability research.

Carolyn Anderson, also of IHRC at FIU gave a report on the continuing LIDAR laser mapping operation. Carolyn told us that the flights have been completed and the data is now being analyzed.

Bryan Norcross, director of meteorology at WFOR-CBS-4 gave a presentation of the new five-day forecast that will come from the National Hurricane Center this hurricane season.

Lorena Morrison and Teri Logan of Miami Christian School gave a report on the doings of the LMS Terrorism Mitigation Committee. They demonstrated the game that has been developed to make young people more aware of terrorism and to introduce a terrorism unit into school social studies classes.

The next meeting of the LMS Working Group will be June 17, 2003 at 9:30 A.M.; location to be announced.

The Working Group meeting was meeting adjourned at approximately 11:30 P.M.

The Miami-Dade Local Mitigation Strategy

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Project Impact and The Local Mitigation Strategy Working Group

Minutes of the June 17, 2003 meeting

Held Miami-Dade Fire Rescue Headquarters Auditorium

Municipalities in attendance:

Bay Harbor Islands	Miami Lakes	Pinecrest
Coral Gables	Miami Shores	Sunny Isles Beach
Hialeah	Miami Springs	Sweetwater
Homestead	North Miami	Virginia Gardens
Key Biscayne	North Miami Beach	West Miami
Miami	Opa-locka	

Others in attendance:

American Red Cross	CBS – Channel 4 - WFOR
Catholic Charities	Community Partnership for the Homeless
Citrus Health Network	Disaster Management, Inc.
CT3S Engineering	FEMA
ERSA Consulting, Inc.	Florida Division of Emergency Management
Florida Department of Transportation	Florida Memorial College
Florida International University	Florida Sea Grant Program
Florida Power & Light	H.J. Ross & Associates
Greater Miami Service Corps	International Hurricane Research Center
HRH Company	MACTEC
Jackson Health System	Miami Christian School
Miami Baptist Association	Miami-Dade County Health Department
Miami-Dade Community College	Miami-Dade Animal Services
Miami-Dade County Public Schools	Miami-Dade Budget Office
Miami-Dade Aviation Department	Miami-Dade DERM
Miami-Dade Community Action Agency	Miami-Dade Homeless Trust
Miami-Dade Finance Department	Miami-Dade Office of Emergency Mgmt.
Miami-Dade Housing Agency	Miami-Dade Office of Mgmt and Budget
Miami-Dade Office of Homeland Security	Miami-Dade Planning and Zoning
Miami-Dade Park & Recreation Department	Miami-Dade Water & Sewer
Miami-Dade Public Works	Miami Rescue Mission
Miami Children's Hospital	PBS&J
Mount Sinai Medical Center	Ryder System, Inc.
RM2 Threat Consultants, Inc.	South Florida Regional Planning Council
St. Thomas University	United Home Care Services
South Florida Water Management District	University of Miami
University of Florida Agriculture Ext.	URS Corporation
University of Miami Medical School	

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Special guest: Melissa Rodrigo of the Palm Beach County LMS Working Group

The meeting called to order at approximately 9:30 A.M. by LMS Coordinator, Frank Reddish.

Frank reminded everyone that LMS projects are due within two weeks for inclusion in the June 30, 2003 edition of the Local Mitigation Strategy. Projects must be listed in the LMS in order to be eligible for many state and federal grants.

Frank told the group of the pending demise of the Hazard Mitigation Grant Program (HMGP) and suggested that all those that think the program should remain should write to their congressman and say so. He also discussed the new Pre-Disaster Mitigation Program and how it differs from the HMGP.

Bill Moriarty of the Miami-Dade Community Action Agency reported on the status of the residential shuttering program. Shutters have now been installed on the homes of over 700 low-income elderly citizens of this county.

Suelynn Dignard of the South Florida Water Management District reported on the upcoming study of the C-4 and other basins by the U.S. Army Corps of Engineers. She also asked that Working Group members share any historical or other relevant data with SFWMD and the Corps.

Jim Shultz from the University of Miami medical school gave an update report on the plan to develop "neighborhood care centers" to be available during a mass care incident.

John Hulseley from the South Florida Regional Planning Council presented a report of the long-term future problem of a rise in sea level and what its effects would be on South Florida. This problem will become especially acute in the barrier island municipalities.

Hugh Willoughby from the International Hurricane Research Center at FIU gave an update on the application to the National Science Foundation to fund a Science and Technology Center at FIU devoted to hurricane vulnerability research.

Charles Gottlieb from the University of Miami reported to the continuation of the FEMA Disaster Resistant Universities Program. The original six schools will receive continuation funding and six additional schools will be added to the program this year.

Mike Gambino from the Miami-Dade Department of Environmental Resources Management and chairman of the LMS FIRM sub-committee reported on the recent meeting held as part of the FIRM restudy that is now underway in Miami-Dade County.

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James Clausell, chairman of the CERT advisory board briefed the Working Group on the events surrounding the reestablishment of the CERT program in Miami-Dade County. It still has not been decided which county department will house the CERT administrative activities.

The next meeting of the LMS Working Group will be September 17, 2003 at 9:30 A.M. in the Miami-Dade Fire Rescue auditorium.

The Working Group meeting was adjourned at approximately 11:30 A.M.